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A N N U A L

R E P O R T

n i n e t e e n h u n d r e d a n d f i f t y

SAN FRANCISCO RECREATION AND PARK COMMISSION

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Journal of Management Education 30(6)p.789-804

RECREATION AND PARK DEPARTMENT

COMMISSION:

McLAREN LODGE, GOLDEN GATE PARK
SAN FRANCISCO 17, CALIFORNIA

LOUIS SUTTER
PRESIDENT

•
SKYLINE 1-4866

HARVEY E. TELLE
GENERAL MANAGER

FRED D. PARR
VICE PRESIDENT

PETER BERCUT
CHAEEL J. BUCKLEY
RS. HENRY DIPPEL
V. EUGENE J. SHEA
RS. SIGMUND STERN

OWARD A. McDEVITT
SECRETARY

September 15, 1950

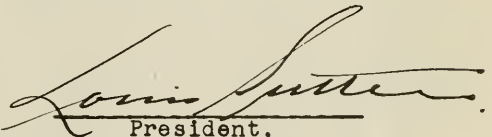
The Honorable Elmer E. Robinson
Mayor of the City and
County of San Francisco
City Hall, San Francisco

Subject: ANNUAL REPORT

My dear Mayor Robinson:

In compliance with Section 19-e of the Charter of the City and County of San Francisco, the Recreation and Park Commission is herewith submitting a report covering the activities and operations of the Recreation Department and Park Department during the fiscal year 1949-1950.

Yours respectfully,

A handwritten signature in dark ink, appearing to read "Louis Sutter", written over a horizontal line.

President,
Recreation and Park Commission

MAYOR'S ANNUAL REPORT

I N T R O D U C T I O N

RECREATION AND PARKS JOIN HANDS

The logic of combining the recreation and park services of San Francisco under one administrative department appealed to the voters at the municipal election of November 8, 1949. An amendment to the City Charter creating a Recreation and Park Commission as successor to the former separate commissions was approved on that day.

Consolidation of the departments became effective July 1, 1950, and is now a working reality.

Since this annual report concerns the fiscal year 1949-1950, it has been divided into two sections, each of which tells the story of the last year in the life of the two former departments. The many similarities in the over-all aims and the related activities of the departments before consolidation, however, stand out clearly in comparison and the opportunities to effectively combine all services are easily recognized.

RECREATION DIVISION

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RECREATION ACTIVITIES

During the past fiscal year the Recreation Department operated 150 recreation units as follows:

PLAYGROUNDS AND CENTERS (67)

44 Playgrounds
12 Housing Centers
5 Full-time Teen-age Centers
5 Part-time Teen-age Centers

SPECIAL CENTERS (7)

2 Swimming Pools
Junior Museum
Photography Center
Camp Mather
Day Camp
Sigmund Stern Grove

SCHOOL PROPERTY UNITS (70)

31 All-Year Schoolyard
22 Summer Schoolyard
17 Evening Gymnasiums

The past year marks the final year in which schoolyard playgrounds and gymnasiums will be operated by the Recreation Department. In accordance with the Charter Amendment, recreation and school facilities will be under the jurisdiction of the Board of Education in the future.

* * * * *

Operation of the above recreation units and the maintenance division required a staff of full-time and part-time personnel totaling more than 400 employees.

During the past year the attendance count taken daily at all department facilities totaled over 5½ million. Divided by 52, we find that 113,196 San Franciscans enjoyed the programs and facilities offered by this department every week in the year.

ATTENDANCE

R E C A P I T U L A T I O N

Playgrounds	4,105,203
Teen-age Centers	138,260
Hunters Point Units	374,067
Schoolyards (regular)	608,694
Gymnasiums	164,434
Schoolyards (summer)	37,574
Swimming Pools	117,782
Special Activities	247,658
Special Activities, Conducted Outside Recreation Units	72,954
Camp Mather	<u>19,572</u>
GRAND TOTAL	<u>5,886,198</u>

ATHLETIC DIVISION ACTIVITIES

This report is one of a statistical nature, outlining only the competitive activities sponsored by the Athletic Division and giving, wherever possible, the number of teams as well as the number of participants. The number of participants listed are cited only on a registration basis, and does not in any instance give an actual play record as to the number of times that the various registrants competed or played in games.

This report is broken down into three divisions, as follows:

I - JUNIOR ACTIVITIES - This branch of the Athletic Division provides a year-round program for junior participants in three classes, namely:

- (a) Junior Division - through 12 years of age;
- (b) Intermediate - through 15 years of age; and
- (c) Through 18 years of age.

We feel that this division has a direct appeal to all youths who have reached the age of competition and would like to participate in any or all of a given number of listed activities.

II - INDUSTRIAL DIVISION - This section of the Athletic Program is a closed program, being devoted to the conduct of athletic competition on an inter-firm basis between various member firms in San Francisco, which last year totaled eighty-seven firms.

III - OPEN DIVISION - This section of the program is provided for all those adults not engaged in the Industrial program. It provides activities particularly for fraternal, social, athletic, church, and club groups.

* * * * *

<u>JUNIOR ACTIVITIES</u>	<u>Number of Teams</u>	<u>Participants</u>
Baseball.....	72	1,060
Basketball.....	155	1,800
" Pentathlon.....	27	400
Football Feature.....	24	400
" (Touch).....	75	800
Horseshoes (Boys and Girls).....	15	272
Marbles.....	26	300
Softball.....	94	1,400
Table Tennis (Boys and Girls).....	48	1,200
Tennis " " ".....	25	457
Track and Field.....	44	400
Totals....	605	8,489

RECEIVED

THE SECRETARY OF THE
TREASURY
WASHINGTON, D. C.

TO THE SECRETARY OF THE
TREASURY
WASHINGTON, D. C.

DEAR SIR:

I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the matter of the

and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.

Very respectfully,
Yours truly,
[Signature]

<u>INDUSTRIAL ACTIVITIES</u>	<u>Number of Teams</u>	<u>Participants</u>
Baseball.....	9	144
Basketball.....	51	765
Bowling.....	39	390
Golf (Spring) Men and Women.....	16	295
Golf (Fall) " " ".....	19	308
Softball.....	37	592
Table Tennis (Spring) Men and Women.	8	53
" " (Fall) " " " .	6	82
Tennis (Spring) " " " .	11	75
" (Fall) " " " .	13	97
Vacation Tour.....		<u>84</u>
Totals....	209	2,885

OPEN DIVISION

Baseball.....	155	2,325
Basketball.....	116	1,740
Softball (Minor League).....	80	1,200
" (Major ").....	108	1,620
" (Other Leagues).....	<u>150</u>	<u>2,250</u>
Totals....	609	9,135
<u>GRAND TOTALS.....</u>	<u>1,423</u>	<u>20,509</u>

GIRLS' AND WOMEN'S ATHLETICS

The Sports Program of the Department, Women's and Girls' Athletics, is divided into three divisions, namely, Junior Girls, Recreation Women, Industrial Women, and Social Recreation in connection with Adult Sports.

JUNIOR GIRLS

The Junior Girls' program embraces most of the popular sports, and is constructed to take care of all girls up to and including eighteen years of age.

In most of the activities conducted, the "Play Day" or "Play Night" type of competition is best, being particularly suited to girls of elementary and high school age. Inter-playground Athletic Events for Junior Girls and Junior Mixed Groups for the year 1949-1950 were as follows:

<u>GIRLS</u>	<u>No.Units Participating</u>	<u>No.Teams</u>	<u>No.of Participants</u>
Basketball Pentathlon	34		320
Basketball Play Day	18	23	190
Basketball Play Night	8	8	80
Net Ball & Volleyball Play Day	38	52	400
Kickball Play Day	30	32	325
Softball League	26	46	690
Volleyball League	32	36	250
Tennis and Table Tennis		73	1657

MIXED

Volleyball Play Day	32	56	420
Relays Play Day	47	106	840
Kickball Play Day	33	44	450
Joseph Lee Play Day	71	-	1300

All figures listed above represent the number who actually participated in the inter-playground competition. These same activities were regularly conducted on playgrounds before each of the events took place, and assistance was given to many of the directors who sought help in the organization of their groups preparatory to the city-wide events.

RECREATION WOMEN AND CO-RECREATION

A section that is formed to take care of all adult groups and individuals who are not eligible for participation in the Industrial Division, such as clubs, churches, neighborhood groups, etc.

CITY-WIDE COMPETITIVE EVENTS

Women Participants

Basketball Tournament	300	{ who played <u>once</u> a week for 8 weeks)
Volleyball Tournament	140	{ " " " " " " 9 " }
Softball Tournament	140	{ " " " " " " 8 " }
Badminton Tournament (Mix.)	110	{ men and women who played once a week for 4 weeks)

Other than the above competitive events for women, Volleyball and Badminton were played regularly each week throughout the year.

Mixed Badminton	- Average weekly attendance	375
Mixed Volleyball	- " " " "	90
Women's Volleyball	- " " " "	40

INDUSTRIAL WOMEN

The object of this division is to foster and promote athletic activities for industrial firms in the City and County of San Francisco, who are members of the Industrial Division.

Each member firm appoints a man and a woman representative, who become members of the Board of Representatives. From this group, fifteen are elected to serve as members of the Board of Directors. The Board, together with the two Supervisors of Athletics (male and female) from the San Francisco Recreation Department, administrate the Industrial Division program.

INTER-FIRM EVENTS

<u>WOMEN</u>	<u>No. of Teams</u>	<u>No. of Participants</u>
Golf(2 Tournaments)		40
Tennis(2 Tournaments)		110
Bowling	44	400(who bowled once a week for 24 weeks)
Volleyball	6	80(who played " " " " " 6 ")
Table Tennis		30
Softball	6	90(" " " " " 6 ")
Basketball	10	180(" " " " " 8 ")

MIXED

Bowling: Women	300	
Men	<u>150</u>	450(" bowled " " " " 12 ")

The above figures represent only the number who participated in inter-firm competition.

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Figure 6

Mean values of the dependent variables for each group.

The figure shows two bar charts side-by-side. The left chart displays 'Mean values' for three groups: Control (n=10), Low dose (n=10), and High dose (n=10). The y-axis ranges from 0 to 100. The right chart displays 'Standard deviation' for the same three groups. The y-axis ranges from 0 to 10. Both charts show that the High dose group has significantly higher mean values and standard deviations compared to the Control and Low dose groups.

[illegible]

SOCIAL RECREATION

At the completion of most of our tournaments, get-togethers of participants were held either at the Sigmund Stern Grove or at some large down-town hotel. Awards were presented at these meetings. Those held during the year were:

Women's Bowling Banquet	158
Mixed Badminton Parties	110
Women's Basketball Banquet	130
Women's Basketball Dance	450
Mixed Bowling Party	102
Industrial Representatives Get-Together, January	85
Industrial Representatives Get-Together, June ..	56
Summer Tour Reunion	90

In addition to the above, assistance was given to many large firms and clubs in planning their social programs, picnics, parties, etc., many of these affairs being held at our Sigmund Stern Grove.

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S W I M M I N G

Many more organized groups have taken an active part in the swimming program this year than any other single year in the past. Added to the various playground, school, club, community center, Scout, vacation and playground district groups, have been church groups, school for the blind, spastic and teenage groups.

Aside from after-school, Saturday and holiday programs, swimming classes have been organized from Commerce High School, Galileo, Girls High, Balboa, Lowell, Polytechnic, Francisco Junior High School, James Lick, Everett, Presidio, Horace Mann, Portola, and Gompers Trade School. High School inter-class and inter-school meets were held at Crystal Plunge. The Girls' Athletic Association swam weekly at Crystal, with an attendance of 250. The vacation program includes such groups as Kanon Kip, Columbia Park Boys, Salesians, Gateway, Sunnydale, Booker T. Washington, Housing, and Boys' Club, the Campfire Girls, the Girl Scouts and the Boy Scouts. All the vacation schools availed themselves of the opportunity to swim at the City pools.

The major events which took place during the fiscal year were:

I. DISTRICT SWIMS

All the Recreation Districts in the department had district swim days, which were represented by 150 to 400 boys and girls in each district. Due to the efficiency with which the supervising Directors and the Directors organized their groups, loss of clothing and accidents were completely eliminated.

II. ALL-CITY SWIM DAY

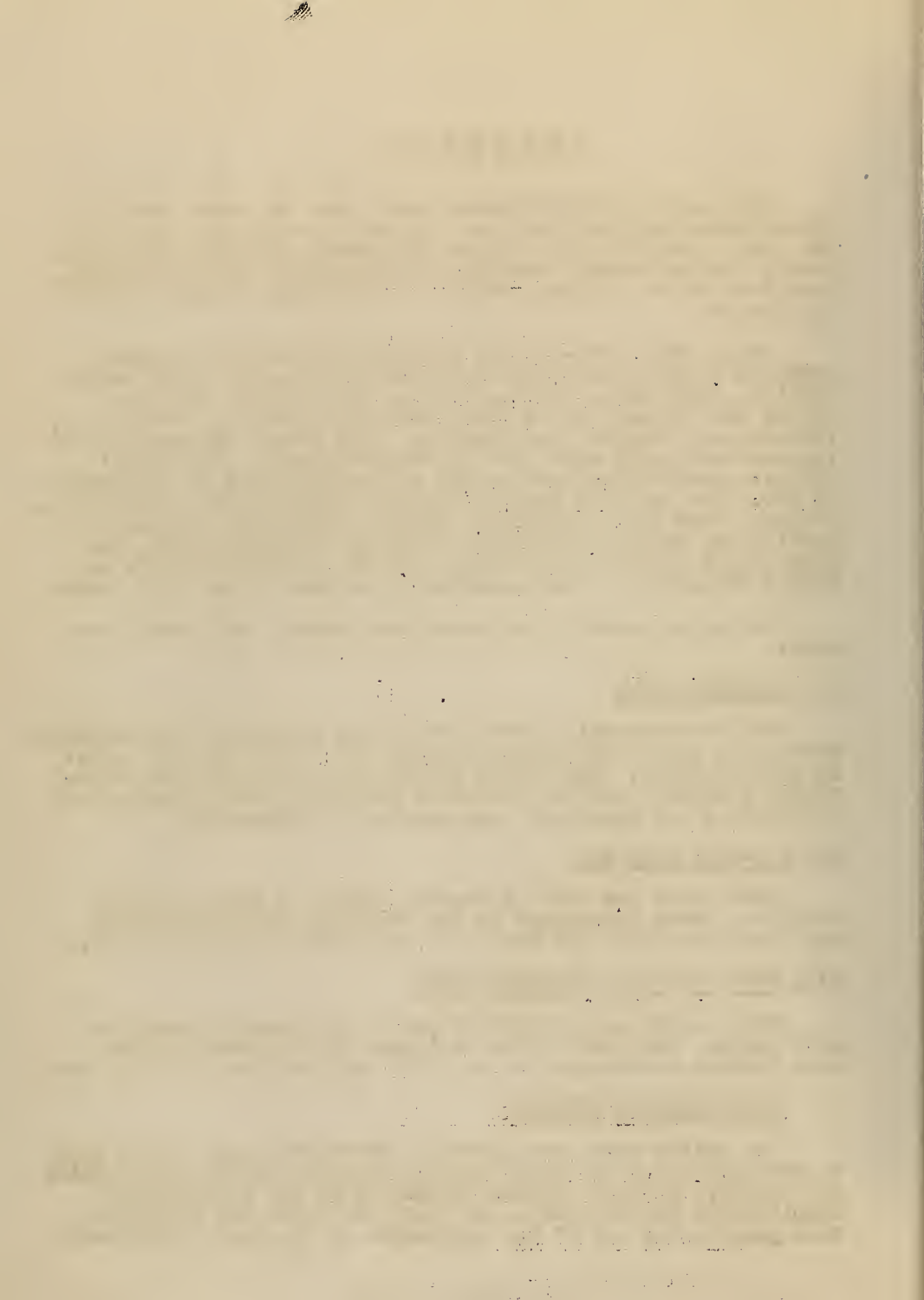
This event was held at Crystal Plunge in July. On this occasion, every playground in San Francisco was represented, and there were over 900 boys and girls under 12 years of age.

III. BOYS AND GIRLS SWIMMING MEETS

These meets were held at Crystal and Mission Plunges one week apart. Such swim stars as Jimmie Lee and Marion Olson were present and managed to walk off with the honors of the day.

IV. CIVIL SERVICE ASSEMBLY

The Ballet Teams from Mission and Crystal gave a fine show to 200 members of the Civil Service Assembly of the United States and Canada. From all reports submitted by the Civil Service Committee of San Francisco, who were the hosts and hostesses, this program was one of the highlights of the whole conference.



V. ALL-CITY SWIMMING CHAMPIONSHIP MEET

This meet, sponsored by the Mayor's Independence Day Committee, and directed by the Recreation and Park Department, was held at Fleishhacker Pool at 10 A.M. on July 4. Without a doubt, this was the biggest event of the year. There were 7,500 people in attendance and 116 contestants. Such Olympic stars as Dr. Sammie Lee, Greta Anderson and Ann Curtis Cuneo, were on hand to entertain the people of San Francisco. As compared with last year, this event showed that the interest had increased two-fold. The attendance last year was 3,500 and the participants numbered 82.

VI. THE SWIMMING CLINIC

This clinic was held at Crystal Plunge in the evenings, from February 14 to April 25. It was sponsored by the American Red Cross, who were in turn assisted by the San Francisco Recreation Department. The swimming department had a very active part in the clinic in that one whole workshop "Pool Management," was conducted by the Supervisor of Swimming in that department. The attendance at these meetings averaged 155 at each meeting. The course was an accredited one to the university.

VII. THE 1949 RED CROSS SWIMMING CAMPAIGN

This campaign wound up its sessions on September 2, 1949. Adequate and efficient instructors were furnished by the Department.

Following are the results from 3 pools--Mission, Crystal, and Fleishhacker's, where the campaign ran concurrently during the school vacation period.

Number of Aides	164
Number of children who learned to float	2,093
Number of certificates issued to beginners, intermediates, and advanced	1,472

Total Attendances

Crystal	16,363
Mission	4,661
Fleishhacker	<u>7,850</u>

Total . 28,874

The attendance for the fiscal year at our pools is as follows:

Mission Pool (operating 6 months)	23,986
Crystal Plunge (operating 12 months)	<u>107,808</u>

Total . 131,794

Every effort on the part of the department and the swimming staff is made to keep not only the water, but the pool area and the dressing-rooms, halls, and lobbies in such a sanitary and safe condition, as to make it very inviting to the children. The water is filtered and chlorinated for 24 hours a day. The water is circulated through 3 sand filters at the rate of flow sufficient to turn over the contents of the pool 3 times a day. Crystal has seven gravity filters with the same rate of flow. The showers and floors are disinfected and hosed daily. The children are inspected daily for cuts, sores, rashes, or abrasions of any kind. Certified lifeguards are on duty at all times while the pool is in operation. The Health Department tests the pools weekly for bacteria and B Coli, both of which are absent at all times.

D R A M A A N D D A N C E

During this year the Drama consisting of three divisions, Drama, Dance and Costuming, has conducted a comprehensive and varied program designed to meet the need of our community and be of interest to all age groups, including pre-school age children as well as adults.

Drama and Dance activities include story-telling, story play, puppetry, play production, singing games, rhythmic, folk dancing, square dancing, classic dance and costuming. All of these activities combine to produce the city-wide annual programs presented to the public and for the many smaller programs given on the individual playgrounds for the immediate neighborhood.

DRAMA

Story-telling is always a popular activity. This year's attendance was 21,729. The Golden Gate Story League, which is an adult group organized in this department for the purpose of furthering the art of story-telling, sent volunteers to our playgrounds to tell stories. This is a service organization which gives its time to old and young alike, not only on the playground but in churches, hospitals and orphanages as well. During the school vacation period a story-teller was employed and traveled to the various units throughout the city. Her arrival was always an eagerly awaited event.

"The Story Hour," heard over K.F.R.C. every Saturday morning at 9:45 A.M. was also organized and developed in this department. It has been on the air since April 1946 and is recommended by civic groups as one of the best radio programs conducted for children. It is also attractive to adults as evidenced by the many communications this office receives to that effect.

Story Play and puppetry are closely related and the natural out-growth of story-telling. The Story Play program culminates in the city-wide annual Story Play Festival and contest held at Sigmund Stern Grove in August. This was its seventh year. A plaque and certificates are awarded for the outstanding plays. The purpose is to develop creative self-expression through a wholesome appreciation of Drama.

In puppetry, the dialogue is worked out through Story Play and, in turn, transferred to the puppets. Puppetry affords not only experience in dramatization, but in the making and manipulation of puppets as well. Attendance for the year was 3,097.

DANCE

The Dance, always the most popular activity in this department, had an attendance of 60,255 for the year, an increase

of over 10,000 from any previous year. Dancing lends itself to larger numbers of participants at one time, than is possible in most other activities and this year's decided increase is due to an increasing demand for Folk and Square Dancing--a national trend. This form of recreation is particularly desirable as all members of the family may participate actively at the same time. Singing games and rhythmic are conducted, especially for pre-age school children.

The annual city-wide Christmas Pageant was held at the Opera House in December. Participants were from all age groups and numbered nearly 1,000. There was a capacity audience of 3,200. Drama Groups produced the beautiful nativity tableaux in telling the Christmas Story.

The annual "Carnival" held in Sigmund Stern Grove in June is another city-wide Pageant. This year a cast of 1,250 entertained an audience of 10,000. All ages participated in Folk and Square Dancing--the Junior and Senior Classic Dance Groups contributed highlights and all units combined to make this a most spectacular event.

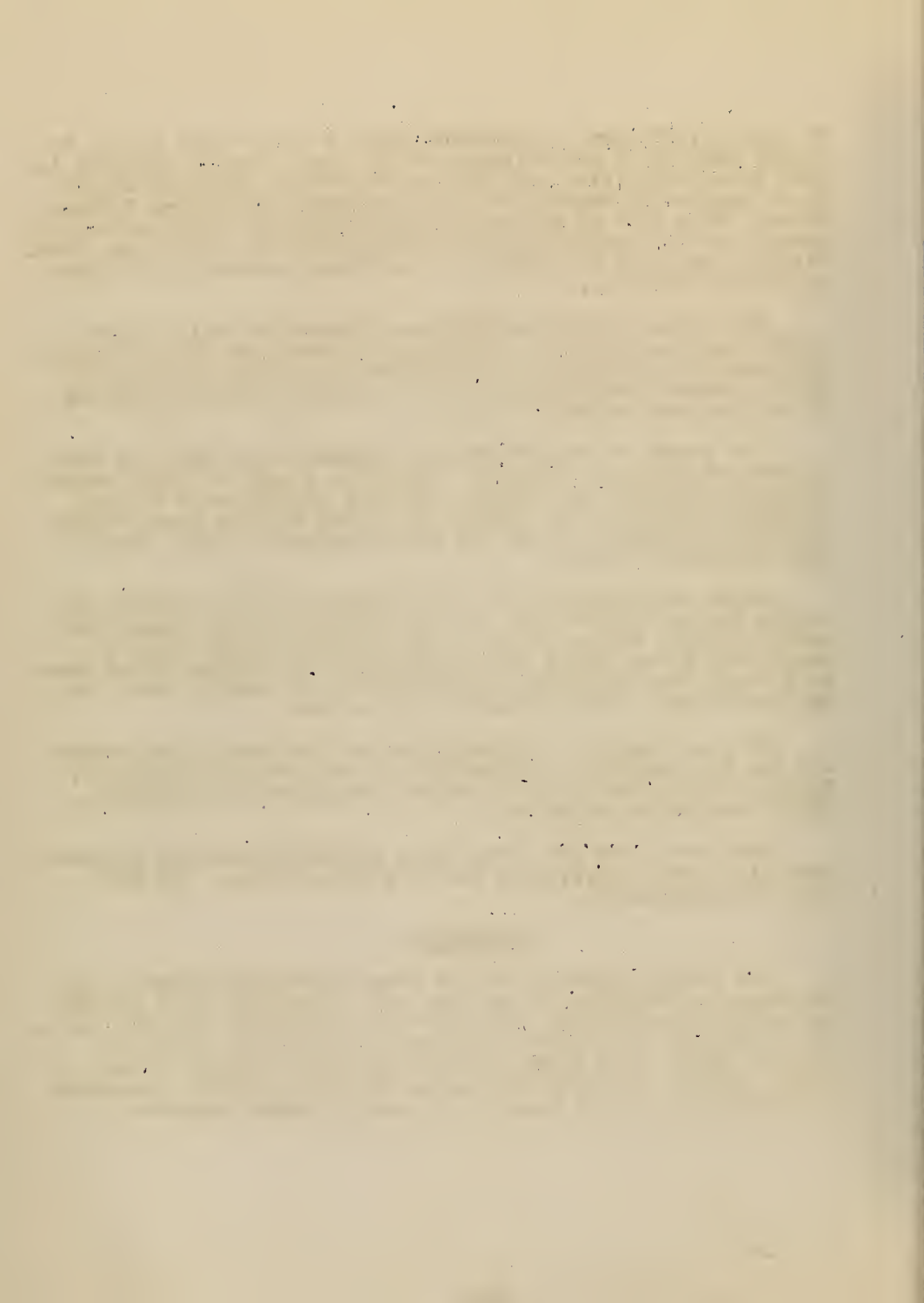
Other city-wide events in the Dance Division included the Joseph Lee Day celebration at North Beach in July, where 1,800 children under twelve years of age participated in Singing Games; the first annual Photography Event at Sigmund Stern Grove in October, the Columbus Day celebration at Aquatic Park, and the annual Folk Dance Festival at Glen Park.

The many special programs given on individual playgrounds and for the immediate neighborhood include Valentine, Easter, May Day, Joseph Lee Day, Halloween, Thanksgiving, Christmas, UNESCO and U.S.O. Programs.

This year, for the first time, several Television Programs were given over K.P.I.X. by the Folk Dance Group. 216 Folk Dancers participated.

COSTUMING

The Costume Division of the Drama Department costumes all programs. A full-time seamstress and a laundress keep costumes in excellent condition. Costumes are sent to the various units, as needed, then laundered and stored in cabinets, ready for another time. Over 3,100 costumes were used during the past year. 449 new costumes were made, 436 were entirely remodeled, 88 altered and all of them are constantly being repaired.



DRAMA AND DANCE REPORT

Total attendance figures for the fiscal year 1949-50,
as follows:

Stories.....	21,729
Drama.....	13,940
Puppets.....	3,097
Dance.....	60,255
Programs, and Special Events, Stories, Drama, Puppets.....	54,785
Programs and Special Events.....	<u>48,422</u>
<u>Grand Total</u>	202,228

M U S I C

For another year the children of San Francisco have been given the opportunity to participate and enjoy music through the medium of Recreation. Our objective is and always has been to provide avenues for musical experience of some sort for the children and adults as well.

Music is the most universal avocation. Statistics show that only a fraction of 1% use music vocationally. So, "we, the people" preserve it primarily as an avocation - an activity purely for pleasure and cultural enrichment. The value of music in a child's life is no longer questioned. Everybody agrees it has become a necessary part of our culture.

The Rhythm Band or Toy Symphony has lost none of its popularity this year - in fact, it has shown quite an increase. We have noticed a large number of very small children, about 3 years old, who join the Band each week and show an improvement as the weeks go by. Also some very happy mothers attend each group and gaze with pride and joy on their 3 year old actually playing in the Band.

Last June at the Spring Carnival in Sigmund Stern Grove, a Rhythm Band of 150 youngsters played Strauss' "Thundering and Lightning Polka" exceptionally well with all the "pomp and circumstance" imaginable. It is a splendid experience in rhythm for them.

Possibly because singing is the most natural and spontaneous form of musical expression, singing attendance tops the list year after year. Also the scope is larger inasmuch as it takes in the Adult Groups. The Girls' Glee Club gave a program at the Presidio Y.M.C.A. and the Women's City Club at Christmas. They also took part in the big Christmas Program at the Opera House and the Spring Carnival at Sigmund Stern Grove; there are Mothers' Clubs, Boys' Groups, Adult Groups, and all the children's groups.

Pianists make weekly visits to each of the playgrounds and teach and play for the Singing, Band and Dance groups. A new type of program this year was the UNESCO programs - to acquaint ourselves with the customs and culture of other countries. The Folk Song, Dances, Singing Games, the Arts and Crafts and Folk Lore (Stories) were included in the programs of Italy, Norway and Brazil.

As Cabrillo Playground had presented both the Norwegian and the Italian programs, work on a Brazilian was chosen. The research was done and a new program prepared which developed over a period of several months. The children invited their parents and friends to a Brazilian Festival on July 19th at 8:00 P.M. in their club house at Cabrillo Playground. The attendance was: 45 Participants, 150 audience.

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A program on Italy is now being prepared which will start the first part of September at Rochambeau.

The World Affairs Council of Northern California is greatly interested in the work of the department's UNESCO Programs. They have given valuable assistance with research through their office and library.

The Symphony Orchestra, under the direction of Earl Bernard Murray, continues its splendid work. Several of the individual musicians have appeared very successfully in concerts. The orchestra has supplied the music for our two large programs, Opera House at Christmas and Sigmund Stern Grove in June, in a very creditable manner.

SUMMARY OF MUSIC ACTIVITIES CONTINUED

1949 - 1950

The year, as a whole, has been satisfactory and productive, as indicated by the following Attendance Record:

SINGING	37,127
RHYTHM BAND	28,607
S.F. RECREATION ORCHESTRA	3,309
SPECIAL EVENTS	<u>35,301</u>
GRAND TOTAL	104,344

J U N I O R M U S E U M

Program

During the past year the San Francisco Recreation Department has continued its program of science, natural history and handicraft activities at the Junior Museum. The purpose of this program is to offer the young people of San Francisco an opportunity to participate in scientific hobbies presented in the form of exhibits, study collections, handicraft projects and field excursions.

A library of books, magazines, bulletins and other publications devoted to natural science, handicraft and aviation are available during museum hours.

Designing, building and flying of model aircraft was a daily activity. This is carried on through a series of progressive steps for beginners. As soon as a builder has completed this program, he is encouraged to design his own models. The museum supplies work space, tools, equipment and instruction.

Two bulletins were published monthly. The Junior Naturalist, in its 13th year of publication, covered the activities of the science groups. The stories and articles were written by the children. The Third Dimension, in its 7th year of publication, was devoted to the activities of the Model Airplane Club. Five hundred copies of each bulletin were printed and distributed monthly.

Attendance

The total attendance for the year was 37,602 persons. This number included 149 groups comprising 4,481 children and leaders:

- 61 school classes - 2,551 children and teachers
- 30 playgrounds and centers - 1,136 children and directors
- 47 scout groups - 616 children and leaders
- 11 adult groups - 178 men and women

Each of these groups was escorted on a tour of the Museum by a member of the staff who explained the exhibits and collections and extended to the children an invitation to join the Museum.

There were 31 field trips for observation and collecting purposes attended by 408 children. Transportation for long trips was furnished by the parents of the members.

Eighteen evening classes were conducted in mineral study, attended by 260 children and adults.

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Attendance at Museum (Continued)

Facilities of the Museum were used during school hours for adult leathercraft classes which consisted of 37 three-hour periods attended by 866 adults.

Exhibits

In addition to the regular exhibits, there were 18 special exhibits on display during the year, including the very popular loan exhibit of the "Toys of Mexican Children".

The following collections were catalogued and indexed and added to the Museum's permanent exhibits:

Marine Fossils - 297 specimens

Land and Marine Shells - 878 specimens

During the summer, members of the Science Club raised four baby raccoons, a novel and exciting experience for city children. When the raccoons reached maturity in the fall, good homes were found for three of them, and one was retained as a permanent resident of the Museum.

Equipment

Three horizontal lapidary units for rock polishing were added to the geology department.

Two glass top exhibit cases 24"x48" were constructed for loan exhibits.

Model Aircraft

The museum conducted ten model airplane contests, and members of the Model Airplane Club established eleven new local flight records. Two boys won national honors, one winning the National Senior Championship and the other winning the Stout Perpetual Trophy.

The first part of the chapter deals with the early history of the United States, from the time of the first European settlers to the American Revolution.

The second part of the chapter deals with the period of the American Revolution, from the outbreak of the war in 1775 to the signing of the Constitution in 1787.

The third part of the chapter deals with the period of the early republic, from the signing of the Constitution in 1787 to the end of the War of 1812 in 1815.

The fourth part of the chapter deals with the period of the Jacksonian era, from the election of Andrew Jackson in 1828 to the end of his presidency in 1837.

The fifth part of the chapter deals with the period of the mid-19th century, from the death of Jackson in 1845 to the beginning of the Civil War in 1861.

The sixth part of the chapter deals with the period of the Civil War, from the outbreak of the war in 1861 to the end of the war in 1865.

The seventh part of the chapter deals with the period of the Reconstruction era, from the end of the Civil War in 1865 to the end of Reconstruction in 1877.

The eighth part of the chapter deals with the period of the Gilded Age, from the end of Reconstruction in 1877 to the beginning of the Progressive Era in 1890.

The ninth part of the chapter deals with the period of the Progressive Era, from the beginning of the Progressive Era in 1890 to the end of the Progressive Era in 1914.

The tenth part of the chapter deals with the period of the World War era, from the beginning of World War I in 1914 to the end of World War II in 1945.

The eleventh part of the chapter deals with the period of the Cold War era, from the end of World War II in 1945 to the end of the Cold War in 1991.

The twelfth part of the chapter deals with the period of the post-Cold War era, from the end of the Cold War in 1991 to the present day.

CLUB PROGRAMS

YOUTH CLUBS

The co-educational teen-age clubs in the City's Recreation Centers, Teen-Age Centers, Housing Project Recreation Centers, and School Gymnasiums have conducted besides their regularly scheduled dances other social activities, such as parents' nights, carnivals, barbecues, wiener roasts, swimming, and skating parties and out-of-town trips.

Besides social activities these groups have participated in many service activities such as the March of Dimes, Red Cross, and Community Chest campaigns.

Athletics, music, and dance activities have played an important part in the programs of many of these groups. Again this year, through the co-operation of a professional dance school, social dancing lessons have been offered without charge to many of our teen-age clubs.

Representatives from these groups have been sent to area conferences and to the Northern California Youth Council's Sixth Annual Conference held in October at Asilomar, Pacific Grove. Over one hundred boys and girls accompanied by their advisors attended this latter conference. Knowledge acquired at these meetings help groups to enrich their programs as well as to develop potential youth leaders in a democratic situation. Two of the six youth officers elected for 1949-50 were from San Francisco Recreation Department groups. Two playground directors were at the same time elected to the Adult Advisory Board of the Council.

YOUNG ADULT CLUBS

As young people have reached young adulthood they have requested the department sponsorship of clubs for this age group. Seven such groups have been organized this year. In October at the Northern California Youth Council's Conference a Young Adult Section was developed with four representatives from our clubs being elected to office.

ADULT CLUBS

Many of the mothers of playground children have formed clubs that are particularly interested in furthering activities for children. These groups frequently donate money for various items including refreshments and prizes for parties. Their interest and assistance is invaluable to recreation directors.

This year saw the development of the first Senior Citizens'

Club for men and women over sixty years of age. These weekly gatherings include luncheons, dinners, dances, and card parties.

This year there has been a national and state emphasis on club programs for teen-agers, young adults, and senior citizens, and this has resulted in many requests by out-of-town and sometimes out-of-state visitors for information regarding San Francisco's organizations and also, for personally conducted tours.

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P H O T O G R A P H Y C E N T E R

Since July 5, 1947, about two thousand people have signed the rules and regulations to use the dark room facilities and to become more or less regular members of the Center. Of this number between twenty-five per cent and twenty-seven per cent are girls and women. During this period of time, about five hundred of these people have moved away or stopped coming to the Center. Practically all of the people, and particularly the girls and women members, have complained about the present location of the Center. Because of its location, girls are not allowed to come to the Center in the evening.

Everyone connected with the Photography Center knows that its present location was accepted only after a most exhaustive but unsuccessful search for a more appropriate site. The directors have accepted this location fully realizing that except for the fact that there was plenty of floor space there was nothing else to recommend it.

While it is true that this site presents many problems and drawbacks, nevertheless the results that have been accomplished have been, to say the least, far beyond the expectations of all of us who direct the activities at the Center. Based on these observations, the directors believe that within two or three years after the Photography Center is located in the proposed Central Activities Building several thousand more people will be clamoring to use its facilities.

The Center now offers a variety of lectures, demonstrations, exhibits, competitions, and, last but not least, an annual photography day at Sigmund Stern Grove. The Second Annual Photography Day will take place on Sunday, October 1, 1950. In addition to the enlarging of our program, we now have a monthly magazine, Foto Fan Fare, which is most helpful and necessary for the proper conduct of a program that must be made known to people who come from every part of the City. Incidentally, Foto Fan Fare is published by a committee of photographers, who come to the Center in the interest of amateur photography at no cost to the San Francisco Recreation and Park Department.

Thousands of amateur photographers know that plans are about to be made for a Central Activities Building which they hope will contain adequate space and facilities for the kind of a photography center that should be made available to the people of San Francisco.

We, who are interested in amateur photography, believe it is of the utmost importance that everyone realize the opportunity that we have to do great things for those who are and will become interested in amateur photography. In short, we have the opportunity to place San Francisco foremost in this field of photography, a vaunted position that those connected with the Photography Center, if given the opportunity, will do their utmost to maintain.

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HOUSING REPORT

To serve the entire City of San Francisco and to work more closely in community organization and programming, the Supervisor of Recreation in Housing Developments concentrated in a smaller district than last year. In this way the supervisor would not be expected to travel long distances throughout the city to work exclusively in the housing centers but would take on the supervision of other playgrounds in an area nearby the concentrated housing section, namely, Hunters Point, and co-ordinate a more general type of recreation program among units in the nearby communities.

In this manner we were able to confine agency contact to a minimum and a much more efficient procedure resulted.

Because of the change, a much different type of program in respective units resulted. Whereas, the former program was conducted on a community center basis to utilize facilities and accommodate clientele, the leaders were now asked to encourage more and more the people in the surrounding community to take part in the program. This idea corresponded to one of the original goals; that of offering a program for the entire community rather than to serve only those who resided in the housing project.

The type of program in some housing centers remained the same, especially in centers like Candlestick Cove, Double Rock, Hunters Point Gymnasium and Middlepoint.

At this time I would like to mention a thing or two relative to difficulties with which we are confronted insofar as the Housing Authority is concerned. Janitorial services remain almost the same. Some of our units receive adequate service, while others suffer incredibly. The main reason, of course, is the lack of funds which are not appropriated for this purpose.

Because of the inadequate facilities, with several rooms to service by one person, the need for more healthful conditions becomes acute. Although the person assigned to do the janitorial work strives to satisfy our needs, services are insufficient, because of the large area necessary for maintenance.

The feeling of the authority is that the public Recreation and Park Department is responsible in performing a recreation service to all peoples in the city regardless of where they live. This feeling is constantly being reflected by managers and other housing personnel.

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Our district days have been well attended. In planning these special away-from-the playground activities, our directors realized the possibility of a money shortage, therefore, planned activities necessitating the expenditure of little or no money. As a result, more children were able to attend and all enjoyed a wonderful vacation program.

Another outstanding note of interest is the willingness of the parents to offer volunteer leadership. We haven't been able to capitalize too much on this willingness as yet. We hope to conduct in-service training courses soon to channel this co-operation so that we will be better able to expend this help in the proper direction.

Housing Recreation Centers and the population they serve:

	<u>Families</u>	<u>Total Population</u>
CANDLESTICK COVE -	944	3,769
CAROLINA COURTS	100	400
CHANNEL -	1,040	1,156
DOUBLE ROCK -	1,462	5,832
GUAM	952	805
RIDGE POINT	11,674	11,332
SUNNYDALE -	772	3,084
VALENCIA GARDENS -	246	984
WESTSIDE COURTS -	<u>136</u>	<u>544</u>
<u>TOTALS</u>	17,326.	27,906

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study. It includes information about the sample, the data collection methods, and the statistical analysis.

3. The third part of the report is a discussion of the results of the study. It compares the findings with previous research and discusses the implications of the study.

Year	Value	Percentage
1980	100	100%
1981	105	105%
1982	110	110%
1983	115	115%
1984	120	120%
1985	125	125%
1986	130	130%
1987	135	135%
1988	140	140%
1989	145	145%
1990	150	150%
1991	155	155%
1992	160	160%
1993	165	165%
1994	170	170%
1995	175	175%
1996	180	180%
1997	185	185%
1998	190	190%
1999	195	195%
2000	200	200%

SILVER TREE CAMP

Our Tenth Annual Silver Tree Camp is rapidly drawing to the close of another outstanding and successful season.

Approximately one thousand four hundred children were given a new experience in life, that of enjoying a camping experience in the out-of-doors, yet within the city limits of San Francisco.

Silver Tree Camp is conducted annually throughout the school summer vacation period. The camp is for boys and girls, seven through twelve years of age, for a five consecutive day period, Monday through Friday.

San Francisco is so divided that every district is serviced some time throughout the summer.

The children are transported to camp by Municipal transportation. They are picked up at approximately 8:30 A.M. and returned to their respective playgrounds at 6:00 P.M. Monday, Tuesday, Wednesday, and Friday. On Thursdays the children are picked up at 12:30 P.M. and returned at 8 P.M. so that they may enjoy an evening camping experience.

Parents are invited to attend camp festivities on Thursday evenings so that they may visit with their children and actually see what the children do during their stay in camp; also so that they will have an opportunity to enjoy the campfire program presented by the children.

Parent participation has been extremely large this year and the general opinion is that the evening programs have been enjoyed by all. Many parents have expressed sincere appreciation for the manner in which their children have been cared for. Many also were amazed at the effect the camping experience has had upon their children.

The three-fold purpose of the camp is to provide the campers with a place to "Belong," a place on which maintenance work can be done daily to give them a sense of pride, possession and accomplishment, and a sheltered area in which to hold small group activities such as crafts, storytelling, and fire-building.

An experienced and talented storyteller comes on Tuesdays and Friday afternoons to tell stories during the quiet period and her stories have been well received by all the groups.

Trail Blazing and Nature Hikes have proven to be two activities to which the campers have responded with great interest and enthusiasm. A group of the campers, having

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ORIGINAL ARTICLES

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THE PREVENTION OF TUBERCULOSIS

THE PROPHYLAXIS OF TUBERCULOSIS

THE THERAPEUTICS OF TUBERCULOSIS

THE PATHOLOGY OF TUBERCULOSIS

THE CLINICAL ASPECTS OF TUBERCULOSIS

THE HISTORY OF TUBERCULOSIS

learned some of the ways of blazing a trail by means of sticks and rocks would start out and blaze a trail. Another group would start out about fifteen minutes after the first group and by means of the signs left for them would follow the trail and discover the location of the first group. On the Nature Hikes a small group of campers, accompanied by the Director, would go out and stop along the way to observe interesting rock formations, various plant life in the area and whenever possible would bring in specimens of snakes or lizards.

Many other new ideas were attempted, but because of inadequate facilities or lack of materials, were abandoned for this year. We intend to pursue them further and institute them into the program for next year.

The personnel staff this year has been the finest ever. The results of their work was reflected in the children.

It is hoped that from year to year the department will be able to train camp leaders who will be assigned to Silver Tree Camp each year so that the children will be able to benefit by the experience of the leaders and the continuity of the program that could easily be carried over from year to year.

Counsellors unselfishly and ably assisted our directors. These Junior Counsellors received their training as a camper and enjoyed their experience so much they asked for the opportunity of returning to camp each year and to assist us with the normal responsibilities of camp.

C A M P M A T H E R

EXPENDITURES FOR YEAR 1949-1950

Personnel Services	\$38,009.96
Contractual Services	6,077.24
Materials and Supplies	5,770.57
Food	28,783.16
Equipment	138.28
Other Expenditures	<u>2,133.16</u>

<u>TOTAL</u>	<u>\$80,912.37</u>
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REVENUE FOR YEAR 1949-1950

Fees	\$ 1,940.50
Reservations	77,733.51
Miscellaneous	<u>2,633.37</u>

<u>TOTAL</u>	<u>\$82,307.38</u>
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CAMPER DAYS - 1950 SEASON

Approximately 1,936 San Franciscans enjoyed Camp last season.

Calculated on a basis of actual camper days, the season totalled 17,960 as follows:

June 17-30	2,482
July 1-31	8,053
Aug. 1-31	7,369
Sept. 1- 2	<u>56</u>

<u>TOTAL</u>	<u>17,960</u>
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Rates at Camp for the 1950 season were:

AMERICAN PLAN - NO BEDDING SUPPLIED

ADULTS - \$5.00 per day

CHILDREN -

8 years thru 13 -	\$3.00 per day
2 " " 7 -	\$1.50 per day
Under 2 years -	NO CHARGE

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DISTRICT SUPERVISING DIRECTORS

The Supervising Directors, who work in districts and who supervise all the recreational units of the department and provide leisure-time guidance for special types of individuals and groups, have completed a very successful year through the following accomplishments:

(1) Organized and supervised the individual all-round recreational program presented at each unit throughout the year.

(2) Represented the department at meetings of the Youth Welfare Agencies, P.T.A., District Improvement Groups, School Assemblies and Youth Council of the Juvenile Court. (By talks, meetings, conferences and counselling.)

(3) Investigated all complaints arising on or relative to the operation of playgrounds. (Servicing of these complaints in the proper manner had much to do with the continued friendly relationship between our department and our citizens.)

(4) Organized the best summer vacation program and special events outing day tours conducted on a district basis. The major portion of the promotion of this program was done through familiarizing the principals, teachers and children of all schools, directors of all youth agencies, improvement clubs, Juvenile Court and P.T.A. groups with our program before the end of the school term. Copies of the programs were issued to all these groups.

(5) Played an important part in the operation of playground units by assisting with a close supervision of all district units and providing guidance for both the experienced and inexperienced directors.

(6) Maintained a fine relationship for the department through co-operation with the Juvenile Court, Police, and School Departments, improvement clubs and child welfare agencies.

(7) Approved requisitions for supplies and equipment on all recreational units. This was one of our newly added duties which has given us a closer check on our individual unit costs of operation and has reduced same.

(8) Consulted in the placing of personnel at units and maintained a rating chart on all newly appointed personnel, submitting a recommendation on their efficiency before the termination of their probationary period.

TWELVE MILLION DOLLAR BOND FUND
CONSTRUCTION PROGRAM

During this fiscal year, twenty-three playground projects went into construction and are scheduled for completion within the coming year. These projects total over 2½ million dollars, as follows:

Playgrounds under Construction
Scheduled for Completion
after June 30, 1950

Ocean View Ctr.	\$214,000.00	West Portal Fence	\$ 2,914.00
Potrero Hill Ctr.	209,000.00	Junior Museum	
Sunset Ctr.	210,000.00	Equipment	38,873.00
St. Mary's Ctr.	209,000.00	Chinese Center	326,384.00
Burnett	300,000.00	Eureka Valley	
So. Sunset P/G		Demolition	2,430.00
and Clubhouse	107,136.00	Funston Heating	4,764.00
Longfellow Clubhouse	79,692.42	Presidio Heights	
Corona Heights-		Grounds & Clubhouse	37,774.00
Junior Museum	297,849.00	Grattan Demolition	1,442.00
Byxbee Fieldhouse	101,108.00	Corona Heights	
Miley Grounds and		Playground	97,545.00
Clubhouse	31,985.00	Cayuga Grounds and	
Richmond Grounds		Clubhouse	54,529.00
and Clubhouse	47,331.00	John P. Murphy	
St. Mary's Playground	145,587.00	Clubhouse	33,985.00
Glen Park	28,023.20		
		TOTAL.....	\$2,581,351.62

The four figures listed below throw an interesting light on the progress of the Recreation Bond Fund.

1. Expended as of June 30, 1950	\$2,182,000.00
2. Encumbered as of " " "	1,702,000.00
3. Expended and encumbered	3,884,000.00
4. Appropriated by Board of Supervisors	7,536,000.00

THE UNIVERSITY OF CHICAGO LIBRARY

Acquired from the University of Chicago Library

CHICAGO, ILL. 60637

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Detail on the preceding projects:

Ocean View Playground, Plymouth Avenue and Lobos St. (25)
Potrero Hill Playground, 22nd and Arkansas Streets (7)
St. Mary's Playground, Crescent and Agnon Avenues (12)
Sunset Playground, 28th Ave. and Lawton Street (22)

These four projects were let under "package deal" and awarded on October 10, 1949, to Carrico & Gautier, whose bid was \$842,000. Construction started at Sunset, November 2, 1949. At the end of the fiscal year the work was approximately 65% completed.

SIGMUND STERN GROVE, 19th AVENUE & SLOAT BOULEVARD:

Construction completed on electrical services.

JOHN P. MURPHY, 9th AVENUE NEAR ORTEGA STREET:

Construction of the clubhouse was completed August 3, 1950. The contractor, Antone Peterson & Sons, were low bidders. Clubhouse has been accepted as now ready for furnishings.

EUREKA VALLEY, 19th & COLLINGWOOD STREETS:

Land acquisition now completed. Contracts for razing the buildings were for \$2,430. Three contractors were awarded the job of demolishing eight buildings. Completion date scheduled for August 19, 1950.

GRATTAN, STANYAN & RIVOLI:

Land has been acquired; razing of the buildings is under way. Plans and specifications are being prepared for the proposed contracts.

UPPER NOE, 30TH & CHURCH STREETS:

Land acquisition completed. Razing of buildings under way for the clearing of playground site.

LONGFELLOW PLAYGROUND, LOWELL & MORSE STREETS:

Construction contract awarded to Frank W. Smith, January 5, 1950. Fifty percent of the job has been completed at the end of the fiscal year.

The clubhouse on this playground was awarded to William McIntosh & Son, April 6, 1950, and actual construction work started May 15, 1950.

THE HISTORY OF THE UNITED STATES

OF THE UNITED STATES OF AMERICA
FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME
BY JAMES M. SMITH

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BURNETT RECREATION CENTER, OAKDALE & MENDELL STREETS:

Contract for construction of buildings awarded to Elvin C. Stendell, August 4, 1949. Actual work started September 5, 1949. Construction progress is now approximately 70% complete and the schedule of completion date is September 4, 1950.

CORONA HEIGHTS PLAYGROUND, ROOSEVELT WAY & STATE STREET:

GROUNDS

Eaton & Smith were awarded the contract on June 16, 1949, for the construction of the following:

- Tennis and Basketball Courts
- Children's Play Area
- Convenience Station
- Barbecue Pits
- Fencing
- Grading
- Paving
- Construction of Storm Drains
- Fire Protection Lines
- Drainage Areas

This project scheduled for completion June 18, 1950, but the contractor has been granted an extension of time.

A portion of the site reserved for the Junior Museum is ready for use.

BUILDINGS

The contract for the Junior Museum on Corona Heights was awarded to William Horstmeyer, January 5, 1950. Actual construction work started February 13, 1950. This building is scheduled for completion February 12, 1951.

William Horstmeyer, contractor on the above, was also awarded the contract for equipment in the Junior Museum, April 27, 1950.

CAYUGA PLAYGROUND AND FIELD HOUSE, CAYUGA AND NAGLEE AVENUE:

Contract for both playground and clubhouse was awarded to S. J. Amoroso Construction Company. The contract was awarded December 1, 1949, on the playground and September 15, 1949, on the clubhouse. Both jobs are progressing well and are scheduled for completion as follows:

Playground:	July 14, 1950
Clubhouse:	August 31, 1950

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

CHICAGO, ILL.

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MILEY PLAYGROUND, GREENWICH & BAKER STREETS:

Contract awarded to Elvin C. Stendell, March 2, 1950, for the construction of the playground facilities and clubhouse. This site is scheduled for completion September 22, 1950.

BYXBEE PLAYGROUND, BYXBEE & SHIELDS STREETS:

Contracts for both playground and clubhouse construction were awarded H. L. Peterson & Company. The playground contract was awarded January 5, 1950, and the clubhouse, February 2, 1950. Schedules of completion for the playground July 28, 1950, and the clubhouse August 18, 1950.

CHINESE RECREATION CENTER, WASHINGTON & MASON STREETS:

Simon Bros., wreckers, were awarded the contract for the demolition of the old school building. November 17, 1949, the demolition was completed and the site cleared April 3, 1950.

Construction of the Chinese Recreation Center was advertised for bids. The closing date May 9, 1950, H. L. Peterson Construction Company were low bidders and we awarded the contract May 18, 1950. Official notification of when to proceed was held up due to transfer of moneys for the amount of the contract, which is \$326,384, the contractor awaiting certification.

FIFTEEN & BEAVER:

Andrew Waechter, low bidder, was awarded the contract for the construction of the clubhouse. The job was completed February 27, 1950, and accepted as of that date; now awaiting furnishings.

GLEN PARK, CHENERY & ELK STREETS:

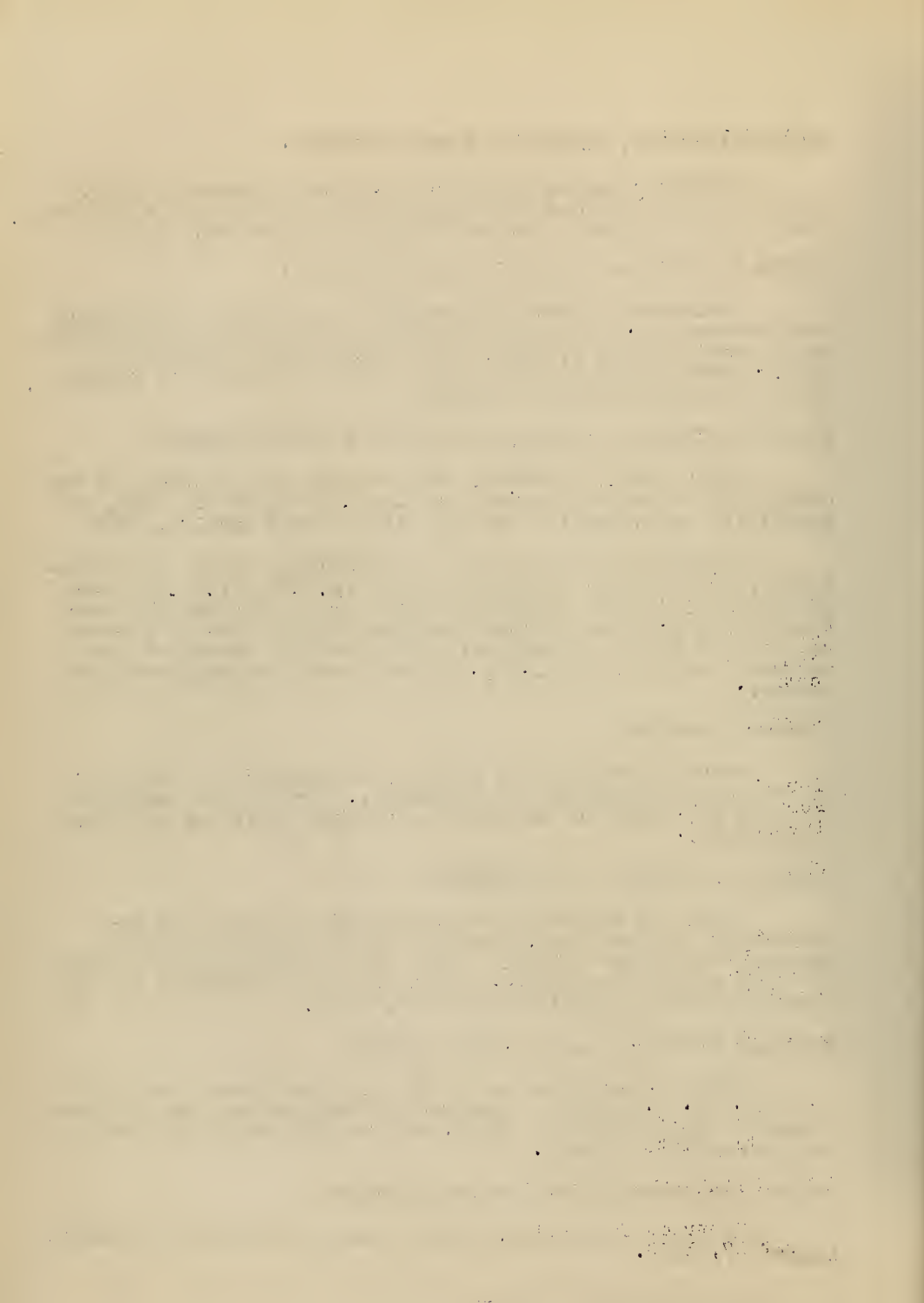
Huettig & Schromm were awarded the contract for improvements to Glen Park, involving the installation of an automatic sprinkler system. Other improvements to the grounds were for seeding new areas. Contract awarded November 17, 1949; completion date scheduled August 15, 1950.

PRESIDIO HEIGHTS, CLAY & WALNUT STREETS:

Bids for improvements to the playground were open June 8, 1950. H. L. Peterson Construction Company were low bidders. Contract awarded June 15, 1950, and the site scheduled for completion late in 1950.

FOLSOM PLAYGROUND, 21ST & FOLSOM STREETS:

Contract for paving, fencing and night lighting completed August 27, 1949.



RICHMOND PLAYGROUND, 18TH AVENUE BETWEEN CALIFORNIA & LAKE STS.

Contract for the improvement to the playground and the construction of a clubhouse awarded to J. Henry Harris, April 25, 1950. Playground site is scheduled for completion December 8, 1950.

JAMES ROLPH JR. PLAYGROUND, POTRERO AVENUE & ARMY STREET:

Associated Engineers were awarded the contract for the installation of a sprinkler system on June 2, 1949. Contract was completed November 18, 1949.

EXCELSIOR PLAYGROUND, RUSSIA & MADRID STREETS:

The acquisition of the land completed and plans and specifications are being prepared for the improvements to this playground.

APTOS, APTOS WAY & OCEAN AVENUE:

Plans and specifications are being prepared for improvements to this playground.

WEST PORTAL PLAYGROUND, ULLOA STREET & LENOX WAY:

Plans and specifications are now very near completion for the publication of invitation for bids for improvements to this playground.

SOUTH SUNSET, 41ST AVENUE & WAWONA STREET:

Contract for the improvements to this playground was let to Wellnitz & De Nardé, and the construction of a clubhouse, December 15, 1949. Completion dates set are as follows:

Playground:	September 29, 1950
Clubhouse:	October 13, 1950

ST. MARY'S PLAYGROUND, CRESCENT AVENUE & AGNON STREETS:

Contract for the improvements to St. Mary's grounds was awarded to Arthur W. Baum, August 4, 1949. Improvements called for were as follows:

- Tennis and Basketball Courts
- Roads and Paths
- Bleachers
- Convenience Station
- Fences
- Sewer and Water Lines
- Sprinkler System
- Seeding of Playing Areas

CONSTRUCTION, MAINTENANCE and REPAIR

Grading and Landscaping

Work by grading and landscaping crew included regrading of all playground baseball diamonds and turf areas.

Approximately 150,000 square feet of turf have been lifted and reset in the process of regrading baseball areas. A great deal of this turf was cut, lifted and sent to various grounds from the sodding nursery located at Sigmund Stern Grove.

In addition to the resodding area, approximately 275,000 square feet of area was sown with grass seed. This included the new baseball field at Camp Mather.

Approximately 8,000 square feet of red rock paths were re-surfaced.

Approximately 5,200 shrubs and numerous ornamental trees were planted throughout the various units.

Materials Distributed to Various Playgrounds

300 tons Tanbark	275 cu. yds. Clay
2000 lbs. Blended Grass Seed	250 cu. yds. Red Rock
860 cu.yds. Loam (from excavations)	260 cu. yds. River Sand for baseball diamonds

S H O P

Construction and Repair

Carpenter Shop

Constructed:

- 15 new, complete slides (beds and stands)
- 40 park type benches
- 12 teeter boards
- 8 outdoor table tennis tables
- 5 indoor table tennis tables
- 4 portable baseball backstops
- 9 small playground cabinets
- 200 wooden signs
- 6 basketball stops

Repaired:

- Bleachers, one small section
- Wooden Bleachers, 7 playgrounds
- 40 slides
- 95 park type benches
- 200 collapsible type benches
- 15 teeter boards
- 25 table tennis tables
- 15 table tennis (indoor) tables
- Numerous pieces of playground and center furniture
- Many repairs to interiors of all buildings, including one new floor
- 4 large roof tops, and several others
- 5 basketball backstops

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

REPORT OF THE DEPARTMENT OF CHEMISTRY
FOR THE YEAR 1911
The Department of Chemistry has been organized since the year 1892, and has since that time been steadily increasing in size and importance. It is now one of the largest and most important departments in the University, and its work is of the highest scientific character. The Department is organized into several divisions, each of which is headed by a professor. The divisions are: Organic Chemistry, Inorganic Chemistry, Physical Chemistry, and Analytical Chemistry. Each division is further subdivided into smaller groups, each of which is headed by an assistant professor or a research fellow. The Department is also organized into several laboratories, each of which is devoted to a particular branch of chemistry. The laboratories are: Organic Chemistry, Inorganic Chemistry, Physical Chemistry, and Analytical Chemistry. The Department is also organized into several research groups, each of which is devoted to a particular branch of chemistry. The research groups are: Organic Chemistry, Inorganic Chemistry, Physical Chemistry, and Analytical Chemistry.

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Carpenter Shop (continued)

Repaired: 4 Portable Baseball Backstops
Baseball backstops on several playgrounds
Wooden fences on many playgrounds

Replaced: Rope and cables on all flagpoles
Screening on 25 windows

Many other carpenter jobs of minor detail were also handled.

Paint Shop

Painted:

Interior 18 buildings	50 large & small benches	30 teeter boards
200 odd size signs	50 screens, window	10 fences
150 small & lge. slides	10 handicraft tables	50 garbage cans
20 flagpoles	20 basketball backstops	Stenciling jobs
300 large reg. park benches	40 pieces of furniture	10 ring stands
200 small collapsible "	1 room & furniture	20 cabinets
50 slide stands & stairs	6 portable backstops	5 sinks
100 outdoor table tennis	basketball court lines	numerous tables
tables & stands		shelves
50 indoor table tennis		panels
tables & stands		
3 rooms, 61 Grove St.		

Outside Work:

Completed the yearly painting of lines on courts on all playgrounds, all of the green work on the grounds which includes benches, wooden apparatus, fences and bleachers.

The exterior of approximately 12 buildings was painted.

Approximately 1200 collapsible benches were painted at Sigmund Stern Grove, also stage, building, and portable scenery; fire proofed scenery at Sigmund Stern Grove.

Christmas trees for annual Christmas pageant.

Applied new floor finish to the gymnasium floors in six buildings also to the floors on smaller buildings.

Apparatus Repair Shop

Installed: 8 new pieces of apparatus

Replaced: Numerous tennis nets, including installation of
new clamps and brackets and 2500 ft. of cable
150 baby swings (seats only) and approximately
same number of flat type seats

Repaired: Chain link fabric fences
Baseball backstops
Many apparatus units
Welded & repaired apparatus, metal posts,
picket fences and tools

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PUBLISHED WEEKLY
535 N. Dearborn Ave., Chicago, Ill.
Subscription price, \$5.00 per annum in advance.
Single copies, 15 cents.

Volume 10
Number 1
January 1917

Published by the American Medical Association, 535 N. Dearborn Ave., Chicago, Ill.

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Second Class

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Apparatus Repair Shop:

Overhauled: All playground apparatus, including oiling and greasing.

HORTICULTURAL NURSERY

Supplied: 4800 dozen cut flowers, (concerts, office, grounds)
5200 ornamental trees and shrubs, also
spray material, loam, and fertilizer
Many thousands square feet of sod for playground
repair jobs

Planted: 500 perennial plants for display purposes
5000 shrubs and trees in containers
3500 shrubs in field rows
500 rooted cuttings for future use
300 perennial plants in gallon cans

TRANSPORTATION - All trucks and tractor were busily engaged in hauling materials and supplies to the various playgrounds.

CAMP MATHER

Painted kitchen, hostess' cabin, hospital, chief's cabin, bath houses, all new repair work, refinished dining room floors, also floor of office, and diving platform.

Cleared lake surface of weed growth, also scarified bottom of small lagoon to eliminate and control weed growth.

Cut up and removed timber of five large pine trees.

Removed Hetch Hetchy railroad stakes and placed in new location.

Removed railroad ties from roadbed and stockpiled them.

Started clearing for fire break around camp.

Cleaned corrals and applied fertilizer to the lawn areas.

Planted approximately 20 trees and numerous azaleas around building.

Constructed new baseball field approximately 400 x 400.

Installed temporary pipe line for irrigating.

Completed the usual setting up of camp which includes kitchen and dining room; also placing of beds, mattresses, tents and other miscellaneous equipment. Closing of camp at end of season was also done.

Raised a section of ground near the outlet of the lake so as to retain more water. Built a temporary overflow control.

Cleaned out all septic tanks.

It is recommended that the irrigation system at Camp Mather be completely revamped and irrigation lines be installed where no water is at present. A temporary line was installed on the baseball field. This area should be completed with the installation of an adequate sprinkler system.

RECREATION
REVENUE AND EXPENDITURES

GENERAL DIVISION:

REVENUE:

SWIMMING	\$	753.20	
RENT		7,742.65	
MISCELLANEOUS		<u>1,243.98</u>	
TOTAL REVENUE	\$		<u><u>9,739.83</u></u>

CAMP MATHER:

REVENUE:

RESERVATIONS	\$	77,733.51	
FEES		1,940.50	
MISCELLANEOUS		<u>2,633.37</u>	
TOTAL REVENUE			<u><u>82,307.38</u></u>

TOTAL RECREATION DEPARTMENT REVENUE	\$	<u><u>92,047.21</u></u>
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* * * * *

GENERAL DIVISION:

EXPENDITURES:

PERSONAL SERVICES	\$1,063,173.44	
CONTRACTUAL SERVICES	71,940.17	
MATERIAL AND SUPPLIES	57,780.31	
EQUIPMENT	4,629.84	
OTHER	<u>119,102.00</u>	\$ <u><u>1,316,625.76</u></u>

CAMP MATHER:

EXPENDITURES:

PERSONAL SERVICES	38,009.96	
CONTRACTUAL SERVICES	6,077.24	
MATERIAL AND SUPPLIES	5,770.57	
FOODSTUFFS	28,783.16	
EQUIPMENT	138.28	
OTHER	<u>2,133.16</u>	<u><u>80,912.37</u></u>

TOTAL RECREATION DEPARTMENT EXPENDITURES	\$1,397,538.13
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1949-1950 LAND ACQUISITION & EXPENSES

1947 RECREATION BOND FUND

BURNETT	DEMOLITION EXPENSE	\$ 496.00
BYXBEE	LOT 40 - Block 7078	1,127.00
CHINESE	DEMOLITION EXPENSE	6,413.00
EUREKE VALLEY	LOTS 9, 11, 11A, 22 & 22A - Block 2694	53,691.51
GRATTAN	LOTS 8, 13, & 14 - Block 1283	24,141.84
PINELAKE	APPRAISAL FEES	100.00
ST. MARY'S	REMOVE BUILDING	870.00
SILVER TERRACE	MISC. EXPENSES	882.69
UPPER NOE	LOTS 15, 22, & 26A Block 6638	<u>35,107.28</u>
		\$122,829.32

1949-1950 LAND SOLD

FATHER CROWLEY PLAYGROUND	\$828,947.00
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.. 1949-1950 GIFTS

SIGMUND STERN GROVE - - - MRS. SIGMUND STERN PRESENTED TO
THE SAN FRANCISCO RECREATION
COMMISSION A COMPLETE PUBLIC
ADDRESS SYSTEM, AT A COST TO THE
DONOR OF \$3,133.53.

R E C O M M E N D A T I O N S

THE FOLLOWING ARE RECOMMENDATIONS OF THE SUPERINTENDENT OF RECREATION:

- I That as early as possible the remaining 27.3% of the bond program be given the green light:
1. The re-location and construction of the Father Crowley Playground.
 2. The location and construction of -
 - (1) The Central Activities Building;
 - (2) The Central Corporation Yard;
 - (3) The Mission Recreation Center and Swimming Pool;
 - (4) The Hayes Valley Recreation Center;
 - (5) The North Sunset Recreation Center;
 - (6) The Merced Playground;
 - (7) The Laurel Hill Playground and Recreation Center.
 3. The enlargement and construction of -
 - (1) The James Rolph Jr. Recreation Center;
 - (2) The Helen Wills Recreation Center;
 4. The planning and construction of the building for the Julius Kahn Playground.
 5. The construction of the Miraloma Playground.
 6. The development of the children's mountain camp.
 7. The purchase and development of the children's day camp.
 8. The development of the Pine Lake area.
 9. The rehabilitation of the Margaret S. Hayward Playground.
- II That a survey of parks be made for the purpose of recommending those park areas most satisfactory for supervised playgrounds; and that money be set up in next year's budget for the reconstruction and supervision of the approved areas.

PARK DIVISION

P A R K
ACTIVITIES 1949-50

Activities of the Park Division were greatly accelerated during 1949-50, and were highlighted by the opening of Lake Merced for fishing and boating and the opening of a Municipal Rifle Range at Sharp Park.

LAKE MERCED ACQUISITION: The Park Division was fortunate in acquiring this valuable piece of property from the Public Utilities Commission this year. No time was lost in making this lake available for fishing, first for children and later for adults as well. Operation of the Clubhouse, picnic grounds, boating and fishing activities has been placed under a concessionaire, and this property will no doubt become a good revenue producing unit.

SHARP PARK RIFLE RANGE: During the past year, the construction of the Municipal Rifle Range on Sharp Park properties, adjacent to the golf course, has given to the community a much needed area for this type of recreation. There are some additional improvements to be made during the forthcoming year for which plans have been prepared. These plans include a convenience station and rest room together with quarters for assembling equipment. Construction of the additional improvements will be completed during the present year.

SOCCER FOOTBALL: These activities are at present confined to the Chalet Field at the west end of Golden Gate Park and will soon enjoy a regulation football field with the necessary accommodations in McLaren Park. Preliminary plans for the development of this site are now being prepared, and it is anticipated that some of the development will take place this Spring. The present appropriation will probably not be sufficient to carry out the original scheme for a stadium.

BIG RECREATION FIELD: The second unit of bleachers for the Big Rec Baseball Field are now being constructed, and this plan when completed during the Fall will carry out the long felt need for additional facilities at the park baseball grounds. In the meantime, this area continues to be used to capacity.

GOLDEN GATE PARK STADIUM AND THE FLYCASTING POOLS: The Polo Field in Golden Gate Park and the Flycasting Pools located nearby have continued to be two of the much used properties in the park system, with no relinquishment of interest in these two branches of sport. No improvements are contemplated at either location, as the accommodations seem to be all that can be desired.

GOLF COURSES: The three municipal golf courses, Harding Park, Lincoln Park and Sharp Park, have shown a slight increase in patronage over the previous year, although all of the

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additional receipts are not sufficient to offset the increased cost of maintenance. No particular improvements are contemplated on any of the three units with the exception of a minor alteration at Harding Golf Course resulting from the construction of the San Francisco State College in that vicinity.

The new nine hole so-called pitch and putt golf course, recently constructed in Golden Gate Park, will be available to the public some time previous to the first of next year, depending on its development. Anticipated revenue from this unit and possible patronage is a matter of conjecture, although it is hoped that it will relieve some of the heavy play at the other three courses. During the past fiscal year, a total of 230,090 rounds of golf were played on the three courses. Additional funds will be needed to provide the necessary conveniences for the public at the Golden Gate Park course, as the original appropriation was sufficient to construct the playing area only.

KEZAR STADIUM: Kezar Stadium continued to present the usual football schedule through a period of four months and offered games in the professional league and by colleges and high schools. The rehabilitation of the stadium has been carried out in keeping with the 1946 engineer's report. The present plans indicate that the fourth and final construction item, including the rebuilding of the seats in the stadium will be completed in the Spring of 1951. The 1949 football season attracted 630,242 paid customers. The newly installed floodlighting system was an unquestionable success and has encouraged the use of the stadium to a greater degree in the forthcoming year for night affairs.

MUNICIPAL SWIMMING POOL: Located at Fleishhacker Playfield, this is the largest open air pool in the United States. It attracted its usual large number of patrons and was the scene of several championship meets during the year.

YACHT HARBOR: Operations at the Marina Municipal Yacht Harbor were normal through the past year with the demand for mooring spaces considerably increased. The department succeeded in having a master plan for the development and enlargement of the harbor completed and approved by the Park Department. This is the first time in the history of the harbor that a definite plan for its enlargement has been agreed upon. The next step will be an arrangement for obtaining funds to carry out this plan.

SAN FRANCISCO ZOOLOGICAL GARDENS: The San Francisco Zoological Gardens has this year enjoyed its usual large attendance and apparent popularity. Expansion of the present zoo would seem to be very necessary, even to a casual observer,

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with many of the sections now crowded to an unpleasant extent and if the enlargement can be made, we shall have one of the outstanding zoos of this country.

The policy of disposing of surplus animals in exchange for others has been continued, and it has thus been possible to greatly increase the value of our collection in an economical manner.

Educational Activities have been expanded with improved guide service and a number of interested groups have been conducted through the zoo. This feature seems to meet with considerable approval on the part of schools.

COMMISSARY DIVISION: The Commissary Division during the past year operated the restaurants at the golf courses, the children's quarters and the San Francisco Zoological Gardens, including concession booths. Included also in the activities of this division was the operation of the rides at the children's playground in Golden Gato Park and the Fleishhacker Playfield, which showed a substantial net profit. 460,072 passengers were carried on the rides at the Golden Gato Park playground and 1,190,240 at the Playfield.

MUSIC CONCOURSE: Under the direction of Mr. Ralph Murray, concerts were presented on 47 Sundays and five holidays, often enhanced by performances of vocalists and artists from foreign groups.

COIT MEMORIAL TOWER: Coit Memorial Tower, Telegraph Hill, is still one of San Francisco's main attractions for tourists and at the present time is undergoing a program of rehabilitation, the first major maintenance work since its construction in 1932. Patronage has not been as heavy as in the previous years due to some changing conditions.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

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DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

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C A P I T A L I M P R O V E M E N T S

PARK DIVISION

The following section concerns capital improvements. It is divided into: (a) comments on some of the capital improvement projects of the past year; (b) a list of capital improvement projects completed during the fiscal year 1949-1950; (c) a progress report on capital improvement projects not yet completed.

PITCH AND PUTT GOLF COURSE: The contract for the construction of the nine-hole Pitch and Putt Golf Course was completed April 4, 1950. It is located in a beautiful setting in the vicinity of the Main Drive and 47th Avenue. A feature of this course is the automatically controlled sprinkling system regulated by a time clock and valve controls. Fairways can be irrigated progressively, one at a time, for designated periods of time, and repeatedly as desired, and the entire system starts and shuts down by time clock. Sprinkling can be done at night when the course is not in use.

STOW LAKE BOATHOUSE: The Stow Lake Boathouse was completed November 1, 1949 at the site of the old structure which was in operation for many years on the north side of Stow Lake. The Boathouse is rustic frame and has all the necessary facilities required for operation by a boat concessionaire, such as ticket booth, office and living space for the attendant, boat room, boat storage and tool room. A refreshment booth and kitchen are available for vending purposes.

Much needed public conveniences are now provided in an area which had none. This improvement is a distinct asset to this part of Golden Gate Park and a promising revenue producer.

NATIVE SONS AND DAUGHTERS REDWOOD MEMORIAL GROVE: The contract for the improvements at the Native Sons and Daughters Redwood Memorial Grove was completed September 10, 1949. This site has been transformed from a wilderness area to one of the most attractive spots in Golden Gate Park. The entire area has been cleared of undesirable trees and shrubs, regraded and landscaped into a beautiful setting for the relocated Dough Boy statue of the First World War. The Native Sons and Daughters statue, formerly located at Mason and Market Streets, has been moved to a location in this grove.

NORTH DUTCH WINDMILL RESERVOIR: The contract for the construction of the new reservoir at the North Dutch Windmill was completed April 20, 1950. It was constructed to replace an old underground, timber-lined reservoir which had collapsed. This is now the best constructed reservoir in the water supply section of the park system and has a capacity of 125,000 gallons. The water stored here is used for irrigating the Lincoln Park Golf Course, and the Pitch and Putt Golf Course in Golden Gate Park. The bottom and walls are reinforced concrete.

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

1. *Phragmites* (common)

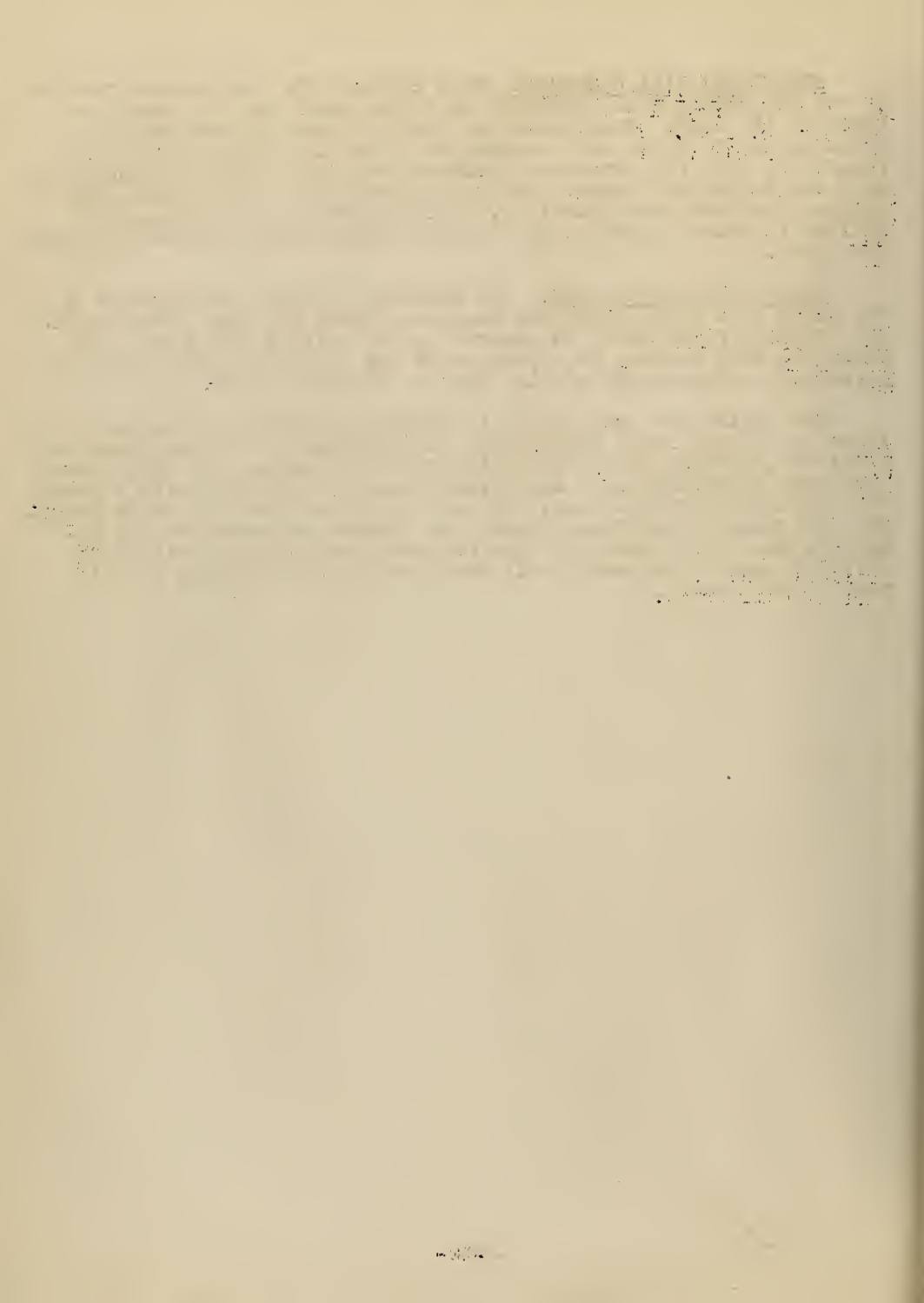
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Journal of Management Education 30(6)p. 789-804
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STRAWBERRY HILL RESERVOIR: This contract for the reconstruction of the Strawberry Hill Reservoir in Golden Gate Park was completed December 16, 1949. This reservoir had collapsed in part due to a break in an old water main causing considerable damage to the old reservoir. The reconstructed reservoir now has a concrete lining in both the bottom and sides. New gate valves and a new 12-inch discharge line have been installed. This reservoir now continues to fill an important function in the water distribution system in Golden Gate Park.

SHARP PARK RIFLE RANGE: The contract for the construction of the Sharp Park Rifle Range was completed April 5, 1950. This small-bore outdoor rifle range is located on the site of the Sharp Park Municipal Golf Course, in a portion of the course not used for golf purposes, approximately .8 mile east of the Club House.

The entire area was graded to required elevations, and target lines and firing lines established in accordance with recognized regulations governing same. Culverts, roads and walks, and appurtenant work were constructed. A chain link fence, 7 feet high with a three strand barbed wire overhang, was constructed around the entire range. The work thus far performed meets the minimum requirements for immediate use of the shooter. The project when completed will make available one of the best small bore outdoor rifle ranges in this part of California.



CAPITAL IMPROVEMENT CONTRACTS

COMPLETED DURING THE FISCAL YEAR 1949-50

<u>DESCRIPTION</u>	<u>AMOUNT OF CONTRACT</u>
<u>GOLDEN GATE PARK:</u>	
"Big Rec" Convenience Station Alterations	\$ 11,785.00
Palace of Fine Arts, Lagoon Coping	2,791.85
Native Sons and Daughters Redwood Memorial Grove Improvements	15,250.00
Native Sons and Daughters Redwood Memorial Grove Bronze Plaque	105.00
Kezar Basketball Pavilion Boiler Room Piping	175.00
" " " Floor	4,178.00
" " " Painting	2,625.00
Flycasting Pool Driveway Construction	7,750.00
Pitch and Putt Golf Course Construction	72,475.00
Stow Lake Boathouse, New	34,249.00
" " " Utilities	16,889.00
Amundsen's Ship "Gjoa", New Fence	4,545.80
Strawberry Hill Reservoir, Reconstruction	39,504.74
Conservatory Heating	7,980.00
Golden Gate Park Sewage Plant, New Fence	1,882.00
Band Stand, New Flooring	1,494.00
Children's Quarters, Merry-Go-Round, Painting Animals	1,743.00
North Dutch Windmill, Spar Removal	820.00
" " " New Reservoir	25,860.00
" " " New Pump	9,507.77
Beach Chalet Heating	1,997.00
Golden Gate Park Stadium Convenience Station Sewer Replacement	1,394.00
Surfacing Paths	1,950.00
<u>PARKS AND SQUARES:</u>	
Garfield Park, Holly Park, Resurfacing Walks	7,800.00
Yacht Harbor Repairs	21,940.00
Buena Vista Park, Convenience Station Alterations	4,397.00
Street Tree Planting, Fell Street	4,389.00
Alamo Square, McCoppin Square, Resurfacing Tennis Courts	2,450.00
Sharp Park, New Rifle Range	14,200.00
Jefferson Square, Lafayette Square, Alta Plaza, Tile Repairs	147.00
Street Tree Planting, Divisadero Street, Haight Street	6,319.62
Aquatic Park Pavilion, Servicing Fixtures, Lenses, etc.	220.00
Lincoln Park Clubhouse, Painting	1,590.00
Aquatic Park Pavilion Repairs, Unit No. 1	8,253.00

CAPITAL IMPROVEMENT CONTRACTS

COMPLETED DURING THE FISCAL YEAR 1949-50

DESCRIPTION

AMOUNT OF CONTRACT

SAN FRANCISCO ZOOLOGICAL GARDENS:

Lion House Painting	\$ 1,189.00
Chimp Cage, New, Second Unit	4,774.00
Concrete Sidewalk, Second Unit	3,740.00

FLEISHHACKER POOL:

Recirculating Pump Replacement	3,372.00
Concrete Promenade Walks Replacement	11,900.00
Bathhouse Toilets, Alterations	4,032.00
Bathhouse, Cold Water Piping Replacement	2,775.00
Salt Water Pump, Replacement	2,710.00

FLEISHHACKER PLAYFIELD:

Mothers' House Mural Work, Second Unit	1,470.00
Merry-Go-Round Painting	3,467.00

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Journal of Management Studies, 19(1), 67-80.

Journal of Management Studies, 19(1), 67-80.

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Journal of Management Studies, 19(6), 701-718.

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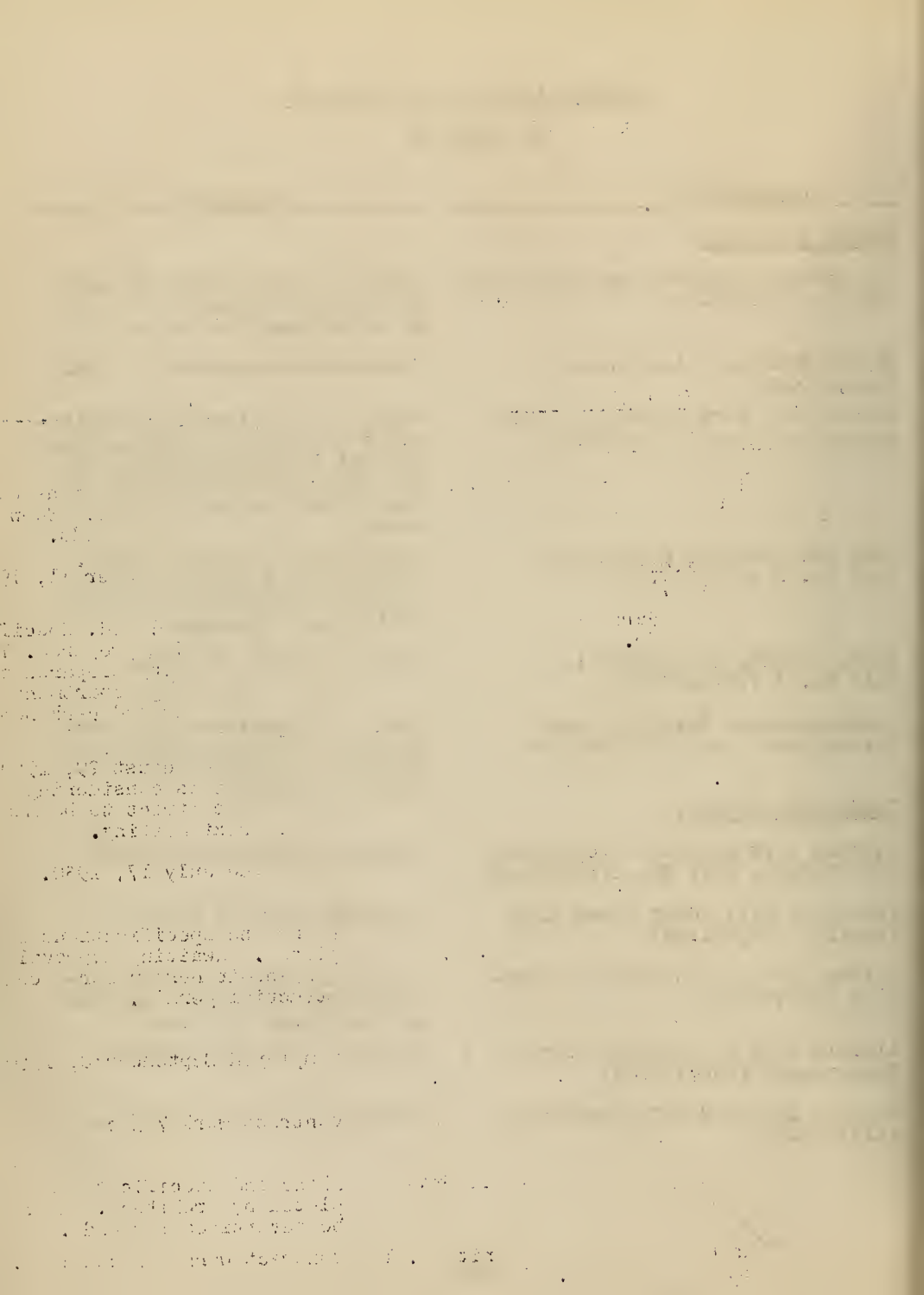
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CAPITAL IMPROVEMENT CONTRACTS

IN PROGRESS

<u>DESCRIPTION</u>	<u>PROGRESS</u>
<u>GOLDEN GATE PARK:</u>	
Old Speedway Meadow, New Convenience Station (\$8,000.00)	Plans and Specifications completed by Architect. Soon to be advertised for bids.
Sharon Building Alterations (\$48,660.00)	Completion September 11, 1950
Golden Gate Park Drainage Corrections, Unit No. 2 (\$12,250.00)	Plans are completed. Specifications are being prepared. This project is being prepared by the Engineering Department of the Recreation and Park Department.
"Big Rec" Seating Facilities, Unit No. 2 (\$20,000.00)	Bids opened August 29, 1950. Commission is considering the award of contract to be made at its next meeting.
Kezar Stadium Rehabilitation, Unit No. 3 (\$97,977.00)	Completed July 17, 1950.
Administration Building, New Golden Gate Park (\$196,000.00)	Plans and specifications completed. Awaiting approval of the Permit Bureau for a construction permit.
<u>PARKS AND SQUARES:</u>	
Aquatic Park Pavilion Alterations and Repairs, Unit No. 2 (\$5,702.00)	Completed September 8, 1950
Telegraph Hill, Coit Tower Leak Proofing (\$8,731.00)	Contract work 75% complete
Balboa Park, New Convenience Station (\$10,000.00)	Plans and Specifications completed by Architect. Soon to be advertised for bids.
Lincoln Park Irrigation, Unit No. 1 Replacement (\$32,389.00)	Contract work 90% complete.
"U.S.S. SAN FRANCISCO" Memorial (\$13,410.00)	Contract work 40% complete.



DESCRIPTIONPROGRESSSAN FRANCISCO ZOOLOGICAL GARDENS:

Painting, Aviary, Pachyderm House
(\$3,705.00)

Contract work 75% complete

Panther and Leopard Cages
(\$46,375.00)

Plans and specifications completed September 11, 1950

Zoo Cafe, Toilet Additions
(\$12,000.00)

Plans and specifications completed by Architect. Soon to be advertised for bids.

FLEISHHACKER PLAYFIELD:

Ferris Wheel Baskets, New
(\$965.00)

Contract work 75% complete

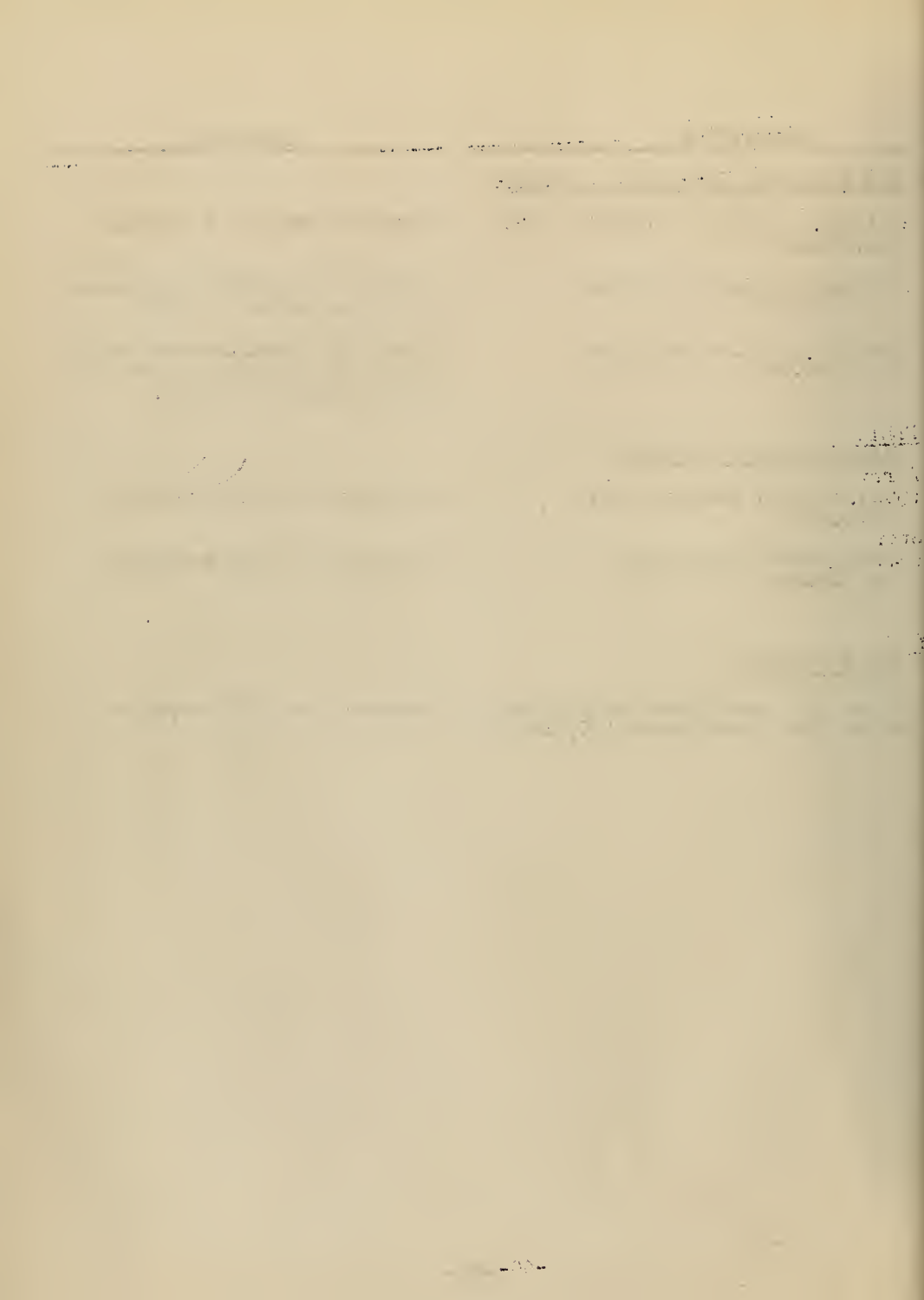
Storm Sewer Replacement
(\$4,547.50)

Contract work 85% complete

YACHT HARBOR:

Plans and specifications for Gas
House Cove Development (\$9,500.00)

Contract work 25% complete



OPERATION AND MAINTENANCE

The following section of this report will attempt to indicate the high standard of service to the public maintained by the Park Division through its operation and maintenance of Golden Gate Park and the other parks and squares in San Francisco.

GOLDEN GATE PARK GENERAL: Of vast importance to Golden Gate Park is the work of the maintenance of grounds section. Throughout the entire year, the tree topping crew, the mower crew, the spray equipment, the water wagon, and the team are constantly working on a backlog of routine maintenance jobs. During the winter the crews are engaged in weed control, pruning and cleaning their sections and at this time most of the new or replacement planting is done. A total of 288,000 trees, shrubs, plants and bulbs were used by this division alone in landscape work.

The cutting of greens for decoration of parades, for charitable organizations and for various park celebrations totals many hours of work for the year.

Three floral emblems were ordered for the lawn at the Conservatory. In addition to the preparing and laying out of these designs, a total of 33,500 plants had to be grown and planted to create them.

The work of this division also includes moving and planting large trees, resodding borders and baseball fields, the spreading of loam and fertilizer, replacement of street trees and supporting posts.

Many trees whose age causes them to be dangerous, have to be removed or topped and each year will see this work increasing in the park.

ARBORETUM: The Strybing Arboretum and Botanic Garden, located in Golden Gate Park, is rapidly becoming one of the best known and most frequented places in the park system. To the universally appealing beauty of flowers and plants, is added interesting and useful information, together with advice on the care and cultivation of the many unusual ornamental plants capable of being grown in our home gardens.

The total number of species and varieties of plants now growing in the Arboretum approximates 5,000, occupying the best part of about 20 acres. One or more plants of each kind are labelled, and the 12 outstanding ones in flower during each week are publicized by means of "Flower of the Week" bulletins.

1991

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

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1. 1940年12月，国民党政府颁布《战时新闻纸杂志图书检查办法》，规定新闻纸、杂志、图书在出版前须经政府审查，违者将受严厉处罚。

Garden clubs, horticultural societies and botanical organizations of San Francisco and nearby communities are guided on conducted tours through the Arboretum. Local schools, such as the State Teachers College, University of California, San Francisco City College, find valuable information at the Arboretum, and teaching and research staffs of these various educational institutions are making an increasing use of the Arboretum collections for instruction purposes.

PARKS AND SQUARES: Seasonal floral plantings of great beauty were a feature of Union Square, Civic Center Plaza, St. Mary's Square, Aquatic Park and others. In addition, at Union Square there are annual Cherry blossom and Rhododendron shows, as well as the famous Christmas decorations.

Maintenance of the 39 small parks and squares and the six landscaped grounds of public libraries include extensive tree topping and removal operations, spraying for plant diseases, insect pests and weeds, soil fumigation and eradication of poison oak.

Landscape improvements were undertaken during the winter season in all the district parks and squares, involving the removal of old, diseased shrubbery groups and replacement with young nursery stock, reseeding of old lawn areas, and tree pruning at eight locations, involving over a thousand trees.

Some of these parks are used for annual celebrations and events by civic groups, such as the Mt. Davidson Easter Sunrise Service, Aquatic Park Harbor Day and Columbus Day celebrations, and Portsmouth Square Centennial Celebration. Extra care is always exercised to have the grounds in order for these events and to contribute our own landscaping improvements to add to the effectiveness of the decorations.

THE NURSERY: The Nursery Department includes the greenhouses and growing ground at Third Avenue and the South Drive, Golden Gate Park; Balboa Park, and the greenhouses and growing ground there. Plants are propagated and grown in the nurseries for all outdoor areas of the Park Department.

Plant materials in the following quantities were delivered throughout the park system:

Trees	1,455
Shrubs	14,321
Perennials	2,815
Annuals	343,520
Ground Covers, Vines, etc.	4,277

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2000

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BOULEVARD MAINTENANCE: The Park Department maintained the landscaping of Sunset Boulevard and the trees along the boulevards with funds supplied by work order from the Department of Public Works. This work has been greatly increased by our own street tree planting program on Market Street, Van Ness Avenue, Lombard Street, Guerrero Street, Fell Street, Masonic Avenue and California Street, to which was added Haight Street and Divisadero Street during this year at a cost of \$6,300.

* * * * *

ENGINEERING: The activities of this section were divided among the following subsections:

- (a) Engineering
- (b) Maintenance Repairs and Construction
- (c) Maintenance Roads and Paths
- (d) Water Supply
- (e) Sewage Treatment Plant

The engineering staff was engaged in the preparation of plans and specifications for miscellaneous projects, which were awarded on contract. It also furnished field engineering and inspection service for contract work, as well as for projects on which park personnel were engaged. Miscellaneous preliminary sketches, estimates and reports were made as required.

Specialized design and work requiring a large professional staff were assigned to private architects and engineers. To these, the engineering staff furnished information and general cooperation, including maps and surveys.

MAINTENANCE REPAIRS AND CONSTRUCTION: This section was engaged in miscellaneous maintenance repairs and rehabilitation work on various facilities throughout the park system, consisting of repairs to buildings and other structures, irrigation systems, sanitary lines, with occasional minor new construction and special events activities as programmed. Listed in this report are various work items completed during the fiscal year, being typical of the activities.

GOLDEN GATE PARK:

Conservatory
Convenience Stations
Road Signs
Benches
Strawberry Hill Reservoir
Sewage Plant

Painting, Glazing and Carpenter Work
Painting and Plumbing Maintenance
Repairs and Painting
Painting, Repairs, Setting
Repairs to Concrete, Plumbing
Construction of Blower House,
Plumbing and Electrical Work

1900

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Roads	Painting Traffic Lines and Parking Lines
Play Apparatus	Repairs and Installation
Children's Quarters	Repair Play Apparatus, Maintenance on various rides as Kiddie Car Tracks, Donkey Course, Merry-Go-Round, etc.
Irrigation System	Repairs and Replacements on Pipe Lines, Hydrants, etc.
Christmas Trees	Placing and Decorating
Celebrations	May Day Poles and Apparatus, Easter Services Electrical Work
Kezar Stadium	Repairs and Maintenance of seats, Painting Booths, Construction of Fences
Kezar Pavilion	Repairs to Floors, Steps, Seats

PARKS AND SQUARES:

San Francisco Zoological Gardens	Maintenance of Fences, Repairs to Gates, Rain Water Lines and Sewer Lines, Repaired Sewer Stoppages, Electrical Work, Cement Work.
Yacht Harbor	Repaired Water Lines, Installed and Repaired Signs.
Sharp Park	Rifle Range Installation Work, Carpenter, Plumbing and Electrical Work, Maintained Pumping Station.
Golf Courses	Repairs at Clubhouses and Cafes at Golf Courses. Maintained Irrigation Systems.
Great Highway	Repairs to Irrigation Systems, Convenience Stations, including plumbing, plastering and carpentry.
Herbert Fleishhacker Playfield	Repairs and Replacements of Play Apparatus, Repairs and Replacements of Irrigation Lines, Sewer Lines.
Miscellaneous Buildings	Repairs to Sharon Building, McLaren Lodge, Mothers' Building, Aquatic Park Pavilion, etc.
Miscellaneous Parks and Squares	Maintenance of all Convenience Stations, Repairs to Benches, Electrical Work, Cement Work and other necessary repairs.

MAINTENANCE ROADS AND PATHS: During the past year the work of maintaining the roads, footpaths, bridle trails and driveways under park control was carried on. For this work, equipment consisting of two dump trucks and one truck with power bitumen spreader, was used.

The miles of bridle trails were kept in condition with the use of the water truck and power road blade. Fire trails were maintained at McLaren and Sharp Parks by the tractor. Sand on the beaches was kept from drifting across roadways by use of the tractor. The labor crew prepared new walks, parking areas and play areas for paving. Maintenance of catch basins and replacement of drains are included.

The following will give the location and description of the major work performed:

GOLDEN GATE PARK:

Arboretum	Resurfaced Paths
Big Recreation Field	Regraded Both Diamonds
Buffalo Paddock	Regraded Feed Area and Spread with Red Rock
Elk Barn (old)	Razed
Entrance 8th Avenue and Fulton Street	Constructed New Paved Pathway
Entrance 48th Avenue and Fulton Street	Spread Roadway with Red Rock
Golden Gate Park Stadium	Resurfaced Bicycle Track
" " " "	Top Dressed Polo Field with Sand
High School Practice Field	Top Dressed with Sand
Music Concourse	Repaved Paths
Nursery	Surfaced Roadways
Spreckels Lake	Resurfaced Paths
Stow Lake	Regraded and Paved Parking Area at New Boathouse

PARKS AND SQUARES:

Aquatic Park	Regraded Beach Monthly
Balboa Park	Top Dressed Lawns with Sand
Buena Vista Park	Graded and Paved New Play Area
" " "	Regraded and Paved Northwest Entrance
Lafayette Square	Widened and Resurfaced Paths
McLaren Park	Fire Trails
Ocean Beach	Regraded Beach Monthly
Portsmouth Square	Realigned and surfaced Paths
Sharp Park	Fire Trails
" "	Repaved Parking Lot Entrance
" "	Moved House to Rifle Range, Sharp Park, from Fort Funston

GOLDEN GATE PARK SEWAGE TREATMENT PLANT: This unit, under the supervision of a chemist, operated the plant for water effluent production and also manned the booster pump which fed the effluent into the park irrigation system, including Stow Lake, Strawberry Hill Reservoir and Huntington Falls. The effluent is also used to keep up the water levels in Elk Glen Lake, Mallard Lake, Metson Lake and the Chain of Lakes.

This plant produced approximately 550,000,000 gallons of water at a cost far less than purchased water, thereby more than justifying its operation in the interests of economy and conservation.

Additions and improvements were made during the past year to increase the efficiency of this unit, and a chain link fence was erected around the plant area.

WATER SUPPLY AND PUMPING PLANTS: This unit operated the pumps and motors at the various pumping plants during the irrigating season. In Golden Gate Park these are the Water Works, the Murphy Dutch Windmill, the Elk Glen Lake and the North Dutch Windmill. Two pumping plants are located at the Fleishhacker Pool and Lake Merced. A sewage booster plant is maintained at the San Francisco Zoological Gardens and a heating plant at the Fleishhacker Pool.

BUSINESS TRANSACTIONSPARK DIVISION

<u>EXPENDITURES</u>	<u>TOTAL</u>	<u>NON-REVENUE UNITS</u>	<u>REVENUE UNITS</u>
Personal Services	\$1,805,705.15	\$1,306,396.50	\$499,308.65
Contractual Services	57,422.95	36,575.66	20,847.29
Maintenance & Repair	36,871.44	18,745.32	18,126.12
Light, Heat & Power	50,935.25	25,131.26	25,803.99
Concerts	22,495.26	22,495.26	
Materials & Supplies	156,470.30	113,170.17	43,300.13
Forage for Animals	50,880.99	49,019.14	1,861.85
Foodstuffs	241,417.23		241,417.23
Equipment	31,090.02	17,473.30	13,616.72
Fixed Charges	20,691.48	20,303.76	387.72
Retirement Allowance	192,973.00	145,566.00	47,407.00
Replacements & Reconstruction	27,716.13	14,595.29	13,120.84
Other	7,110.27		7,110.27
Total	\$2,701,779.47	\$1,769,471.66	\$932,307.81

GROSS REVENUES - SERVICE CHARGES

Playfield Rides & Booths	\$ 312,900.94	\$312,900.94
Lunch Rooms	172,410.76	172,410.76
Other Food Sales	115,823.20	115,823.20
Golf Courses	207,990.15	207,990.15
Kezar Stadium & Pavilion	138,326.48	138,326.48
Other Recreational Units	50,568.89	50,568.89
Miscellaneous Rents, etc.	34,521.58	34,521.58
Total	\$1,032,542.00	\$1,032,542.00

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The American Medical Association is a non-profit corporation organized for the purpose of promoting the interests of the medical profession and the public. It is composed of members from all over the United States and is the largest and most influential organization of its kind in the world. The Association's primary concern is the advancement of the medical profession and the improvement of the health of the people. It does this by publishing the Journal of the American Medical Association, which is one of the most important and authoritative sources of medical information in the world. The Journal is published weekly and contains the latest news and research in the field of medicine. It is a valuable resource for all medical professionals and is essential reading for anyone interested in the progress of medicine.

CIVILIAN DEFENSE

In compliance with a request dated August 1, 1950, from Mr. Sherman P. Duckel, Chief, Public Works Division of the San Francisco Disaster Council and Corps, a representative of the Recreation and Park Department was assigned to cooperate with the Public Works Division.

Mr. T. M. Grabow, Engineer, who was assigned to the task, immediately proceeded to comply with various organizational requests made by the Chief of the Public Works Division.

The first report complied with was the preparation of a list of the personnel of the two divisions of the department, grouped according to the eight principle Telephone Exchange Areas in the City and County of San Francisco consisting of 784 employees. This report was submitted on August 30, 1950, and is to be used for alerting personnel.

In order that the personnel of the department might be informed of the purposes and procedures of the Disaster Council, Bulletin No. 1 dated September 7, 1950, was prepared and submitted to the Chief of the Public Works Division for approval. Upon receipt of the approval, copies will be distributed to each employee of the department. This bulletin contains general information and instructions on alerting of personnel in the event of an emergency and directs them to their assembly stations.

A list of all mobile equipment, together with miscellaneous equipment and tools suitable for use in case of a disaster, has been prepared and will be ready shortly to submit to the Chief, Public Works Division, and to the City Engineer.

An Incident Officer from this department has been appointed and detailed to the Public Works Division Headquarters. Also Assembly Station Directors have been appointed to supervise the stand-by personnel, as they report to their stations. Appointment of Monitors for the various telephone exchange areas is in progress.

The preparation of a Standard Operating Procedure, Public Works, is now in progress and as soon as completed will be submitted to the Public Works Division Chief's Headquarters.

MEMORANDUM

1. The purpose of this memorandum is to provide a summary of the information received from the various sources regarding the activities of the [redacted] group during the period [redacted] to [redacted].

2. The information was obtained from [redacted] and [redacted] who have provided reliable information in the past.

3. The [redacted] group has been active in the [redacted] area and has been engaged in [redacted] activities.

4. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

5. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

6. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

7. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

8. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

9. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

10. The [redacted] group has been found to be [redacted] and [redacted] in its activities.

W. A. R.

